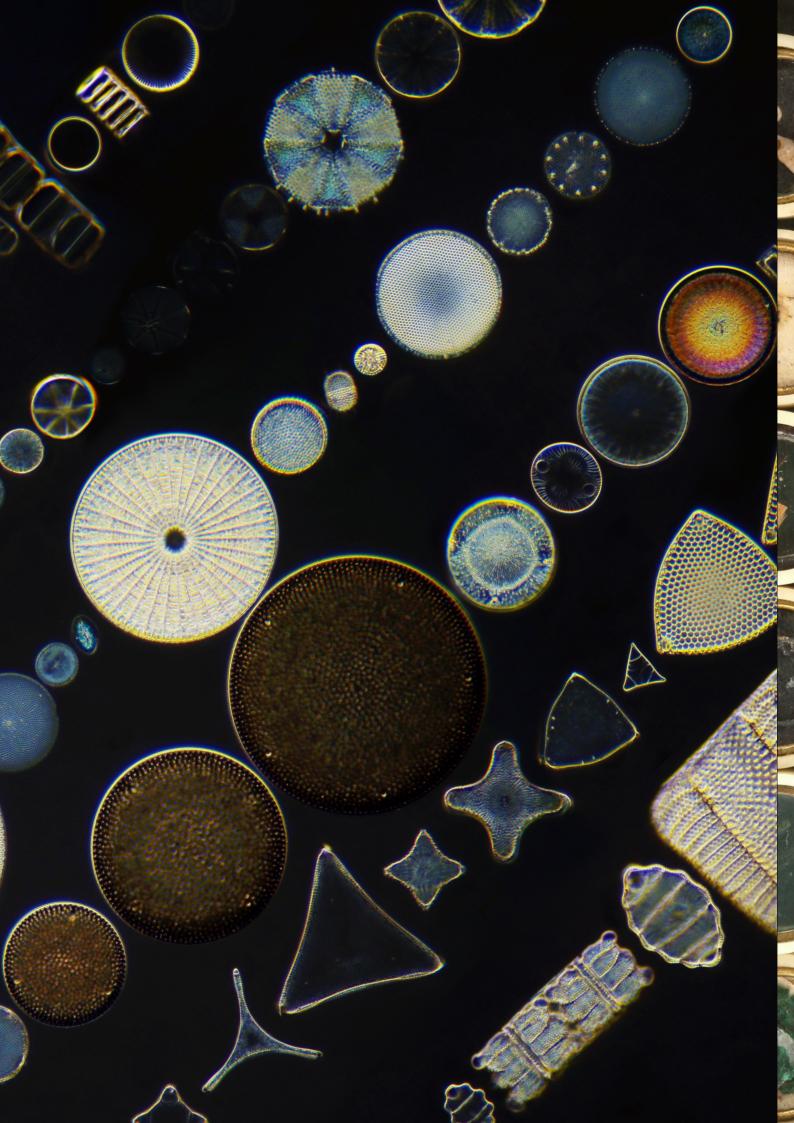
# FLINTS



Fine Photographica & Instruments of Science

29th April 2021





# Fine Photographica & Instruments of Science

29th April 2021 at 12:00

#### Viewing

By appointment from 12th April 2021

#### **Auction Venue**

Flints Auctions Ltd 8 Rivermead Thatcham RG19 4EP

#### Sale Number

10036

#### Auctioneer

Marc Anderson BA Hons

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#### **Conditions of Sale**

This auction is subject to Important Notices, Conditions of Sale and Reserves

#### Office Address

Flints Auctions Ltd 8 Rivermead Pipers Way Thatcham RG19 4EP

# FLINTS

www.flintsauctions.com



#### Sale Information

All lots are offered subject to the 'Terms & Conditions' exhibited which are set forth at the back of this catalogue and on the-saleroom.com. For full terms and conditions of sale, please contact our auction office.

A buyer's premium of 24% plus VAT is payable on all lots. There is an additional 5% for internet bidding via The-Saleroom.com and an additional 5% for internet bidding via LiveAuctioneers.com.

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#### **Commission Bidding**

Commission bids are to be left with us up until 09:00 BST the morning of the sale, and we will undertake to buy on your behalf for the lowest possible price, taking into account any reserves and competing bidders. If an identical bid is received, the earlier will take precedence.

#### **Telephone Bidding**

It is possible to bid via telephone on higher value lots. However due to limited telephone lines we issue these on a first come, first served basis. When reserving a telephone line, we always ask for a back-up bid which will only come into effect if we cannot reach you or get disconnected and are unable to reconnect.

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#### **Descriptions & Conditions**

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All descriptions and conditions of lots, whether written or verbal, are based upon information provided by the seller and our opinion, only. Lots are sold to the buyer on a 'sold as seen' basis which may include faults or imperfections. Photographs included in this catalogue are intended as a guide only and may not be an exact representation of the lot in terms of colour, for example. All measurements and sizes are approximate.

It is your responsibility to examine any lot prior to bidding to satisfy yourself regarding condition, provenance, period, age, quality, origin and value. Given the age of the lots, they have may have been damaged or repaired so you should not assume that a lot is in 'good' condition. Electronic or mechanical parts may not operate as intended and all lots are sold as items of interest for display purposes only.

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#### **Photographic Condition Grading**

#### **Descriptions & Conditions**

To assist buyers, Flints has given a condition grade to cameras, lenses and some accessories, together with additional written notes highlighting other key points relating to the item. The condition grade is based upon our opinion at time of cataloguing and is still subject to 'Terms & Conditions' set forth at the back of this catalogue.

We are unable to check and test certain aspects of light meters, rangefinders and electronics / electronic shutters. All buyers are given the opportunity to view and test all lots on either the viewing day or morning of the sale.

#### **Cosmetic Condition**

E	Excellent	As new / appears to be unused
VG	Very Good	Minimal marks or wear
G	Good	Light marks or wear
F	Fair	Moderate marks or wear
Р	Poor	Heavy marks or wear

#### Mechanical

Shutter function is indicated as working or not working, with additional written notes stating if any speeds are inaccurate. Shutters that are battery dependent are not tested. As shutters are fragile, they cannot be guaranteed and the conditions mentioned in the catalogue are at time of testing and may not represent the condition post-sale.

#### **Lenses & Optics**

E VG	Excellent Very Good	Clear optics as new Minimal marks, some dust may present
G	Good	Light marks, possible cleaning marks or imperfections
F	Fair	Moderate marks, noticeable cleaning marks or imperfections
P	Poor	Heavy marks or wear

#### 銷售資料

所有拍賣品均按照本圖錄背面和 the-saleroom.com 上列出的「條款及細則」提供。有關全部銷售條款及細則,請聯絡我們的拍賣辦事處。

所有拍賣品均須支付 22.5% 買家酬金,另加增值稅。透過 The-Saleroom.com 或 LiveAuctioneers.com 進行互聯網競投需支付額外 5%。

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買家須以現金、扣帳卡或信用卡付款。可於銷售進行期間付款。

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要透過 Live Auctioneers 在網上競投,只須提前在 www.liveauctioneers.com 註冊,並在拍賣當日瀏覽銷售活動。請注意,如果透過 www.liveauctioneers.com 競投,將按落槌價收取額外 5% + 增值稅的佣金。

#### 委托競投

委托競投須於銷售當日上午格林威治標準時間 09:00 前交由我們處理,而我們將代表您以盡可能最低價格購買,同時考慮到任何底價及競投 者。若收到相同出價,則以較早出價者為先。

#### 電話競投

透過電話可以競投價值較高的拍賣品。然而,由於電話線路有限,我們會按先到先得的原則分配電話線路。在預留電話線路時,我們必定要求提供一個後備出價,我們只會在無法與您聯絡,或電話中斷且無法重新連接時才會使用該出價。

如要安排委托或電話競投,請致電 44 (0) 20 3086 8550 或發送電郵至 info@flintsauctions.com 與我們聯絡。

#### 付款

於拍賣行競投的買家須以現金、扣帳卡或信用卡付款。以網上、電話和委托方式競投的非英國居民必須透過銀行轉帳 / 直接電匯付款。

並無註冊英國或歐盟增值稅的買家可於購買時獲退還某些類別的增值稅。然而,請注意不論買家的居籍或貨物送往何處,均須支付買家酬金的 增值稅。

#### 重要事項

#### 描述與狀況

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所有拍賣品的描述和狀況,無論書面或口述,均基於賣家提供的資料和我們的意見,而非基於事實。拍賣品以按「所見狀況銷售」予買家,可包括瑕疵或缺陷。本圖錄包含的相片僅供參考,例如,可能未能準確顯示拍賣品的真實顏色。所有尺寸和大小均為約數。

您負有責任於競投前細察任何拍賣品,以致自己滿意其狀況、出處、時期、年份、品質、來源和價值。鑑於拍賣品的年份,它們可能已經損壞 或曾修復,因此不應假設拍賣品處於「良好」的狀況。電子或機械部件可能無法按預期運作,而所有拍賣品僅作為陳列用途出售。

#### 付運

有關本地或國際付運的資料及估計費用,請發送電郵至 info@flintsauctions.com 或致電 +44 (0) 20 3086 8550 聯絡我們。

#### 《瀕危野生動植物種國際貿易公約》

請注意,將此等拍賣品出口至歐盟以外地區時,所有標有§符號的拍賣品均須遵守《瀕危野生動植物種國際貿易公約》的規定。規定載於www.ukcites.gov.uk。

#### 攝影狀況評級

#### 描述與狀況

為了幫助買家,Flints 已經為相機、鏡頭和某些配件的狀況評級,並提供其他書面註釋,以突顯與該拍賣品相關的其他重點。狀況等級是基於我們在編製圖錄時的意見,且仍受本圖錄背面所載的「條款及細則」所約束。

我們無法檢查和測試測光錶、測距儀和電子部件/電子快門等某些方面。所有買家都有機會在 觀賞日或銷售當日早上觀看和測試所有拍賣品。

#### 表面狀況

 E
 極佳
 全新 / 似乎未曾使用

 VG
 很好
 極少痕跡或磨損

 G
 好
 輕微痕跡或磨損

 F
 尚可
 中度痕跡或磨損

 P
 差
 嚴重痕跡或磨損

#### 機械部件

指出快門功能是否運作正常,並提供其他書面註釋,以表明有無任何速度不準確。不予測試電池操作的快門。由於快門容易受損,因此無法提供保證,而圖錄中提到的為測試時的情況,不能代表售後的狀況。

#### 鏡頭與光學部件

E 極佳 光學部件清晰如新

VG 很好 極少痕跡,可能有些灰塵

G 好 輕微痕跡,可能有清潔痕跡或瑕疵 F 尚可 一般痕跡,明顯的清潔痕跡或瑕疵

P 差 嚴重痕跡或磨損

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#### l.

#### A Leica I Model A Elmax Camera,

1924, black, serial no. 1174, with Leitz Elmax f/3.5 50mm lens, 4 element, nickel, body, G, shutter working, replacement screws affixing lens and infinity lock pin, crack to front of finder, lens, G, some light fungus to rear element

£5,500 - £6,500



#### 2

#### A Leica Ib Compur Camera,

1929, black, serial no. 13123, with Leitz Elmar f/3.5 50mm lens, body, G, infinity lock button replaced, lens, G-VG, shutter working, in soft leather pouch

£2,200 - £2,800



#### 3.Ω

#### A Leica III Rangefinder Camera,

1929, upgraded from Leica I, black, serial no. 20122, with Leitz Elmar f/3.5 50mm lens, nickel, body, VG, shutter sticking, some neat touch-up painting, lens, VG-E, some very light internal haze, complete with black paint lens cap

Note: Export model marked 'Germany' to shoe

£500 - £700



#### 4.Ω

#### A Leica la Camera,

1930, black, serial no. 35105, with Leitz Elmar f/3.5 50mm lens, nickel, body, VG, shutter/film advance not working, lens, G, aperture stuck, with maker's black paint lens cap

£200 - £300



#### 4A.

#### A Leica la Close Focus Camera,

1930, black, serial no. 43227, with Leitz Elmar f/3.5 50mm lens, nickel, body, G-VG, shutter working, lens, VG, complete with maker's cap

£150 - £250



#### 4B

#### A Leica la Close Focus Camera,

1930, black, serial no. 43675, with Leitz Elmar f/3.5 50mm lens, nickel, body, G-VG, shutter working, lens, VG, with maker's lens cap

£150 - £250



#### 5.Ω A Leica IIIf Rangefinder Body,

1933, upgraded from Leica III, black, serial no. 111473, body, VG, shutter working but curtain sticking

£150 - £250



#### 6.Ω A Leica III Rangefinder Body,

1939, black, serial no. 330176, body, G-VG, shutter working

£150 - £250



#### A Leica IIIc K Rangefinder Camera,

1941/42, 'chrome', serial no. 389604, with Leitz Summitar f/2 50mm lens, 1939, chrome, serial no. 525909, body, G, shutter working, lens, VG, complete with lens cap and maker's case

Note: After the serial number the 'K' has carefully been erased, however, traces do still remain. This camera is not believed to be original chrome but has had the grey paint removed at some point in its life. There is also a white 'K' on the shutter blind

£600 - £800



8.Ω

#### A Leica IIIc Rangefinder Body,

1946/47, black repainted, serial no. 436582, body, VG-E, shutter working

£250 - £350



9.Ω

#### A Leica IIIf Rangefinder Body,

1951, with Haber & Fink New York 3-lens turret, chrome, serial no. 557127, body, F, shutter working

£600 - £800



10.

#### A Leica If Red Dial Camera,

1952/53, chrome, serial no. 575670, with Leitz Elmar f/3.5 50mm lens, 1937, chrome, serial no. 429533, body, VG, shutter working, lens, VG, some very light cleaning marks, complete with maker's сар

£200 - £300



#### 11.Ω

#### A Leica IIIg Rangefinder Camera,

1956, chrome, serial no. 827273, with Leitz Elmar f/2.8 50mm lens, 1956, chrome, serial no. 1450966, body, VG, shutter working, slowest speeds sticking, lens, VG, some light cleaning marks, with maker's lens cap, instructions and box

£400 - £600



#### 12.Ω

#### A Leica IIIg Rangefinder Body,

1956, chrome, serial no. 847827, body, VG, shutter working, complete with maker's box

£300 - £500



14.

#### A Leica Ig Body,

1957, olive repaint, serial no. 887531, body, E, shutter working

£800 - £1,200



15.

#### A Leica O-Series Replica Camera,

2000, black, serial no. 2676930, with Leitz Anastigmat f/3.5 50mm lens, body, E, shutter working, lens, VG-E, complete with ERC, paperwork and maker's boxes

Notes: Made by the Alberico Arces company, Italy.

£800 - £1000



13.

#### A Leica IIIg Rangefinder Body,

1956, chrome, serial no. 850273, body, VG, shutter working, slow speeds sticking, with maker's body cap

£300 - £500





#### 16.Ω

#### A Leitz Summicron f/2 35mm Lens,

1959, chrome, serial no. 1655673, body, E, elements, VG-E, with maker's caps

£1,800 - £2,200



#### 17.Ω

#### A Leitz Elmar f/3.5 35mm Lens,

1935, nickel, serial no. 236341, body, VG-E, elements, VG, some light internal haze, with maker's caps and original red tube

£300 - £500



#### 18.Ω

#### A Leitz Elmar f/3.5 35mm Lens,

1940, chrome, serial no. 540813, body, G-VG, elements, VG-E, some light internal haze, with maker's caps and original red tube

£200 - £300



#### 19.

#### A Leitz Summaron f/3.5 35mm Lens,

1957, chrome, serial no. 1484829, body, VG, elements, VG, some very light internal haze, with maker's caps

£200 - £300



#### 20.Ω

#### A Leitz Summilux f/1.4 50mm Lens,

1962, chrome, serial no. 1946861, body, VG-E, elements, VG-E, some very light internal haze, with maker's caps

£1,500 - £2,000



#### 21.Ω

#### A Leitz Summarit f/1.5 50mm Lens,

1957, chrome, serial no. 1528163, body, VG-E, elements, VG, some very light cleaning marks to front element and light internal haze, in maker's bakelite keeper

£250 - £350



22.

#### A Leitz Hektor f/2.5 50mm Lens,

1932, nickel, serial no. 121368, body, VG, elements, G-VG, some light cleaning marks, with maker's front cap

£500 - £700



23.Ω

#### A Leitz Hektor f/1.9 73mm Lens,

1938, black/nickel, serial no. 437977, body, G, elements, P-F, separation, complete with lens hood and maker's caps

£200 - £300



24.Ω

#### A Leitz Summarex f/1.5 85mm Lens,

1943, black, serial no. 593294, body, G, elements, G-VG, some light internal haze, light cleaning marks and one single tiny chip to front element, complete with maker's lens cap and leather case

£1,500 - £2,500



25.Ω

#### A Leitz Summarex f/1.5 85mm Lens,

1952, chrome, serial no. 1008714, body, VG, elements, G-VG, some internal hair-like marks, complete with maker's filter, lens hood, caps and case

£700 - £1,000



26.Ω

#### A Leitz Summicron f/2 90mm Lens,

1959, chrome, serial no. 1681640, body, VG-E, elements, E, complete with lens caps and incorrect Leitz box

£300 - £500



27.Ω

#### A Leitz 'Fat' Elmar f/4 90mm Lens,

1932, black, serial no. 96782, body, G-VG, elements, G-VG, some internal haze, with maker's caps

£200 - £300



A Leitz 'Mountain' Elmar f/6.3 105mm Lens,

1933, black/nickel, serial no. 162186, body, G-VG, elements, VG-E, some very light internal haze, complete with maker's lens hood and caps

£300 - £500











29.Ω

#### A Leica M3 DS Rangefinder Body,

1954, chrome, serial no. 702051, body, VG, shutter working, complete with maker's case and box

£500 - £700



30.Ω

#### A Leica M3 DS Rangefinder Body,

1955, chrome, serial no. 733041, body, VG, shutter working, complete with maker's case and velvet box

£500 - £700



31.Ω

#### A Leica M2 'Attrappe' Rangefinder Camera,

1957-67, chrome, serial no. 13967A, with Leitz Summicron f/2 50mm lens, body, VG-E, with maker's cap

Note: Non-working display model

£300 - £500



32.Ω

#### A Leica M2 Rangefinder Body,

1964, chrome, serial no. 1099332, body, VG, shutter working, complete with maker's case

£400 - £600



33.Ω

#### A Leica M2 Rangefinder Body,

1965, chrome, serial no. 1130321, body, VG-E, shutter working, in maker's box

£400 - £600



34

#### A Leica M4 Rangefinder Camera,

1966, chrome, serial no. 1180102, with Leitz Summicron f/2 50mm lens, 1960, chrome, serial no. 1784212, body, VG, shutter working, lens, VG, some internal haze, in maker's case

£700 - £1,000



35.Ω

#### A Leica M4 'Attrappe' Rangefinder Body,

1967-75, chrome, serial no. 192A, body, VG-E, complete with Leica service card

Note: Non-working display model

£200 - £300



36.Ω

#### A Fire Damaged Leica M4 Rangefinder Camera,

1968, chargrilled, serial no. 1212659, with Leitz Summicron f/2 50mm lens, 1968, serial no. 2270165

£500 - £700



37.

#### A Leica M4 Rangefinder Body,

1969, black enamel, serial no. 1247885, body, E, shutter working, complete with service card, instructions, corrospondance with Leitz and maker's box

£2,000 - £3,000





38.

#### A Leica M5 Rangefinder Body,

1971, chrome, serial no. 1291655, body, VG-E, shutter working, slow speeds sticking, with service card, other paperwork and maker's box

£400 - £600



39.Ω

#### A Leica MDa Post Camera,

1971, chrome, serial no. 1273993, with Leitz Summaron f/2.8 35mm lens, 1969, chrome, serial no. 2312047, body, VG, shutter working, lens, VG, complete with maker's lens cap

£300 - £500



#### A Leica M4-2 Gold Rangefinder Camera,

1979, gold, serial no. 1527314, with Leitz Summilux f/1.4 50mm lens, 1977, gold, serial no. 2848120, body, E, shutter working, lens, E, in maker's wooden presentation box Note: Limited edition no. 100-0665

£2,000 - £3,000



41.

#### A Leica M6 Rangefinder Body,

1985, black, serial no. 1680699, body, E, shutter working, slow speeds inaccurate, complete with paperwork and maker's box

£1,000 - £1,500



## Leica M Lenses

lots 42 - 72





#### 42.Ω

#### A Leitz Super-Angulon f/3.4 21mm Lens,

1964, chrome, serial no. 2035690, body, VG-E, elements, VG-E, some light internal haze, complete with lens hood, caps and maker's box

£400 - £600



#### 43.Ω

#### A Leitz Super-Angulon f/3.4 21mm Lens,

1969, black, serial no. 2328143, body, G-VG, elements, VG, some light internal haze, complete with lens hood and rear cap, in maker's box

£500 - £700



#### 44.Ω

#### A Leitz Elmarit f/2.8 28mm Lens,

1964, Wetzlar, black, serial no. 2061771, body, E, elements, VG, some light internal haze, with rear lens cap and maker's box

£800 - £1,200



#### 45.

#### A Leitz Elmarit-M f/2.8 28mm Lens,

1982, black, serial no. 3245807, body, E, elements, VG, some internal haze, with E49 UVa filter, caps, warranty card and maker's box

£500 - £700



#### 46.Ω

#### A Leitz Summilux f/1.4 35mm 'Steel Rim' Lens,

1960, with ocular attachment, chrome, serial no. 1765239, body, VG, elements, G-VG, some coating marks to rear element, in maker's box

£1,500 - £2,000



#### 47.Ω

#### A Leitz Summilux f/1.4 35mm Lens,

1970, with ocular attachment, black, serial no. 2391619, body, VG-E, elements, VG-E, with maker's caps and leather case

£2,000 - £3,000



48.

#### A Leitz Summilux f/1.4 35mm Lens,

1972, black, serial no. 2548155, body, E, elements, VG-E, some very light internal haze, complete with lens hood, caps, service card and maker's box

£1,000 - £1,500



49.Ω

#### A Leitz Summilux-M f/1.4 35mm Lens,

1981, black, serial no. 3140038, body, G-VG, elements, VG-E

£1,000 - £1,500



50.Ω

#### A Leitz Summicron f/2 35mm Lens,

1965, with ocular attachment, chrome, serial no. 2134535, body, VG, elements, VG-E, with maker's caps and box

£800 - £1,200



#### 51.

#### A Leitz Summicron f/2 35mm Lens,

1970, black, serial no. 2393887, body, E, elements, VG-E, some very light internal haze, with lens hood, E39 UVa filter, bubble and maker's box

£400 - £600



52.Ω

#### A Leitz Summaron f/2.8 35mm Lens,

1962, chrome, serial no. 1947621, body, VG, elements, G-VG, some light internal marks to middle group, with maker's caps

£600 - £800



53.

#### A Leitz Noctilux-M f/1.1 50mm Lens,

2001, black anodized, serial no. 3928327, body, E, elements, E, complete with paperwork, soft pouch and maker's box

£2,000 - £3,000

#### A Leitz Noctilux f/1.2 50mm Lens,

1968, black, serial no. 2254508, body, E, elements, E, complete with 12503 lens hood filter, lens cap, plastic bubble, correspondence letter with Leitz and maker's box

Note: Leica product number 11820"

£15,000 - £20,000







### $55.\Omega$ A Leitz Summilux f/1.4 50mm Lens,

1959, chrome, serial no. 1661983, body, G-VG, elements, G-VG, some light haze to middle group, complete with maker's lens hood and caps

£800 - £1,200



56.

#### A Leitz Summilux f/1.4 50mm Lens,

1962, chrome, serial no. 1927477, body, G, elements, G-VG, some light internal haze and some light cleaning marks, with UVa filter and maker's rear cap

£700 - £1,000



#### A Leitz Summicron f/2 50mm Lens,

1958, black paint, brass mount, serial no. 1587367, body, G, some brassing and bubbling to paint, elements, VG, some internal haze, complete with original lens cap

£6,000 - £8,000









58.

#### A Leitz Summicron f/2 50mm Lens,

1958, chrome, serial no. 1592659, body, VG, elements, VG-E, some very light internal haze, with maker's lens cap

£700 - £1,000



59.Ω

#### A Leitz Summicron Dual-Range f/2 50mm Lens,

1962, with ocular attachment, chrome, serial no. 1956177, body, VG, elements, VG, some very light fungus to the extreme perimeter of middle group, complete with lens caps and maker's box

£400 - £600



60.

#### A Leitz Summicron f/2 50mm Lens,

1969, black, serial no. 2340779, body, E, elements, VG-E, some very light internal haze, with E39 UVa filter, lens cap, bubble and maker's box

£300 - £500



61.

#### A Leitz Summicron f/2 50mm Lens,

1970, black, serial no. 2387577, body, VG-E, elements, VG, some light internal haze and a few hair-like marks, with caps, bubble and maker's box

£500 - £700



62.Ω

#### A Leitz Summicron f/2 90mm Lens,

1960, chrome, serial no. 1740915, body, G-VG, elements, VG-E, complete with maker's lens cap



63.Ω

#### A Leitz Elmar '3 Element' f/4 90mm Lens,

1962, chrome, serial no. 1920755, body, E, elements, VG-E, some very light internal haze, complete with lens cap, bubble and box

£300 - £500



#### 64.Ω

#### A Leitz Tele-Elmarit f/2.8 90mm Lens,

1964, chrome, serial no. 2070245, body, VG-E, elements, E, with maker's cap, bubble and box

£300 - £500



#### 65.Ω

#### A Leitz Elmarit f/2.8 90mm Lens,

1972, black, serial no. 2523778, body, VG-E, elements, VG-E, some very light internal haze, with maker's lens hood, caps, bubble and box

£200 - £300



#### 66.

#### A Leitz Summicron-M f/2 90mm Lens,

1984, black, serial no. 3298606, body, VG, elements, E, with E55 UVa filter, caps, warranty card and maker's box

£300 - £500



#### 67.

#### A Leitz Tele-Elmarit-M f/2.8 90mm Lens,

1984, black, serial no. 3316846, body, E, elements, VG, some haze-like dot marks to inside of front element, with E39 UVa filter, caps, warranty card and maker's box

£200 - £300



#### 68

#### A Leitz Macro-Elmar-M f/4 90mm Set,

2003, black, serial no. 3975362, body, VG-E, light wear to front bezel, elements, E, complete with Leica Macro Adapter-M (14409), Angle Viewfinder M (12531) lens hood, lens caps and soft pouch, in maker's box

£700 - £1,000



#### 69.

#### A Leitz APO-Summicron-M ASPH. f/2 90mm Lens,

black, serial no. 3891597, body, E, elements, E, with caps and maker's soft pouch

£800 - £1,200



#### A Leitz Elmarit-M f/2.8 135mm Lens,

1993, black, with ocular attachment, serial no. 3642345, body, E, elements, E, with maker's soft pouch

£100 - £200



71.

#### A Leitz APO-Telyt-M f/3.4 135mm Lens,

2004, black, serial no. 3956288, body, E, elements, E, with caps and maker's case

£1,000 - £1,500



72.

#### A Leitz Tri-Elmar-M ASPH. f/4 28-35-50mm Lens,

2003, black anodized, serial no. 3948990, body, VG-E, elements, VG-E, complete with paperwork, soft pouch and maker's box

£1,500 - £2,000

### Leica R Cameras & Lenses

lots 73 - 89





#### A Leica Leicaflex SL SLR Camera Outfit,

1968, chrome, serial no. 1197442, with Leitz Summicron-R f/2 50mm lens, 1966, black, serial no. 2224766, body, VG, shutter working, lens, VG, some very light internal haze, together with Leitz Elmarit-R f/2.8 35mm lens, black, serial no. 2178085, body, G-VG, elements, G, some light internal haze and internal marks, and Leitz Elmarit-R f/2.8 24mm lens, black, serial no. 2719229, body, G, aperture ring slightly loose, elements, F-G, cleaning marks to front element and some internal haze, all lenses 3-cam, complete with lens hoods, filters and ever ready case (a lot)

£300 - £500



#### 74.

#### A Leica Leicafllex SL SLR Camera,

1968-74, black, serial no. 1370617, with Leitz Summicron-R f/2 50mm lens, 1974, 2-cam, black, serial no. 2666312, body, G-VG, shutter working, lens, VG, in maker's boxes

£200 - £300



#### 75.

#### A Leica Leicaflex SL SLR Body,

complete with service card, corrospondance with Leitz and maker's box

1970, chrome, serial no. 1281091, body, VG-E, shutter working,



#### 76.Ω

#### A Leica Leicaflex SL 'Attrappe' SLR Camera,

chrome, with Leitz Summicron-R f/2 50mm lens, body, VG

Note: Non-working display model

£200 - £300



#### A Leica Leicaflex SL2 SLR Body,

1975, black, serial no. 1391058, body, E, shutter working, slowest speeds sticking, complete with service card and maker's box

£150 - £250



#### 78.

#### A Leica R7 SLR Body,

1995, black, serial no. 2183064, body, VG-E, shutter working, with paperwork, presentation box and maker's outer box

£100 - £200

£100 - £200



79. A Leitz Fisheye-Elmarit-R f/2.8 16mm Lens,

1975, black, serial no. 2755204, body, E, elements, VG-E, complete with service card and maker's box

£300 - £500



80.

#### A Leitz Elmarit-R f/2.8 19mm Lens,

1977, black, serial no. 2869475, body, E, elements, VG, some light haze to inside in front element and some light internal hair-like marks towards rear, complete with maker's caps, guarantee card and box

£400 - £600



81.

#### A Leitz Super-Angulon-R f/4 21mm Lens,

1970, black, serial no. 2449118, body, E, elements, VG-E, some light internal haze, complete with lens hood, caps, service cards and maker's box

£300 - £500



82.

#### A Leitz Elmarit-R f/2.8 28mm Lens,

1972, black, serial no. 2510633, body, E, elements, VG, some internal haze, complete with lens hood, caps and maker's box

£200 - £300



83

#### A Leitz Summicron-R f/2 35mm Lens,

1973, black, serial no. 2615448, body, E, elements, G-VG, some light internal haze to middle group and light internal haze, complete with lens hood, caps and maker's box

£300 - £500



84.

#### A Leitz Summicron-R f/2 35mm Lens,

1977, black, serial no. 2860544, body, E, elements, VG-E, some light internal haze, complete with E55 UVa filter, caps, bubble, quarantee card and maker's box

£300 - £500



#### A Leitz Schneider PA-Curtagon f/4 35mm Lens,

1970, black, serial no. 2453279, body, E, elements, G-VG, some very light internal fungus and light internal haze, complete with lens hood, caps and maker's box

£200 - £300



86.

#### A Leitz Macro-Elmarit-R f/2.8 60mm Lens,

1974, black, serial no. 2698220, body, E, elements, VG, some light internal haze, complete with caps, bubble, service card and maker's box

£200 - £300



87.

#### A Leitz Summicron-R f/2 90mm Lens,

1974, black, serial no. 2714057, body, E, elements, VG-E, some very light internal haze, complete with caps, service card and maker's box

£300 - £500



88.

#### A Leitz Elmarit-R f/2.8 180mm Lens,

1972, black, serail no. 2512165, body, E, elements, VG-E, some light internal haze, complete with caps, service card and maker's box

£200 - £300



89

#### A Leitz Telyt-R f/4 250mm Lens,

1971, black, serial no. 2494784, body, E, elements, E, complete with caps, service card and maker's box

£100 - £200

### Leica Accessories

lots 90 - 99







90.Ω **A Leica 35mm Viewfinder,** black re-paint, body, VG-E, optics, E



A Leica VOTRA Stereo Viewer, in maker's box

£100 - £200



### The First Leica Pre-Series MOOLY-C Motor Drive, chrome, serial no. 3495, body, F-G, motor working

**Note:** A tiny group of these motors were prepared in 1941 at numbers 3495 to 3546. This is number 3495, making the first MOOLY-C Pre-Series.

**Literature:** Heimfert, "Mooly-C Nullserie" in: 10 Jahre Leica Historica, Leica Historica e.V., 1985, p. 79; Paul-Henry van Hasbroeck (ed.), Leica, a history illustrating every model and accessory, p. 126-132.

£1,000 - £2,000



-:-- OLEVO C:---I-

#### A Leica OLEYO Single Exposure Housing,

with IBSOR shutter and one KOOAS dark slide, complete with Leitz Hektor f/2.5 50mm lens, 1932, nickel, serial no. 140823, body, VG, lens, G-VG, some light cleaning marks to front element and internal haze

£700 - £1,000

92.











94.Ω **A Leica MQUOO Mouth Cable Release,** manufactured by Stuber, Wetzlar

£100 - £200



95.Ω A Leica OROLF Lens Turret,

1960, for three screw mount lenses for use with the M2 and M3  $\,$ 

£700 - £1,000



 $96.\Omega$  A Leica MOOLY-C Drive,

black, serial no. 5405, body, VG, motor working, slight ding and paint chip to corner

£2,000 - £3,000



97.Ω A Leitz Oil Bottle,

with yellow coloured pippet, together with another Leitz bottle (2)

£200 - £300



98.Ω

#### A Leica Tandem Coupling Device,

14185, for Leica SL MOT cameras

£150 - £250

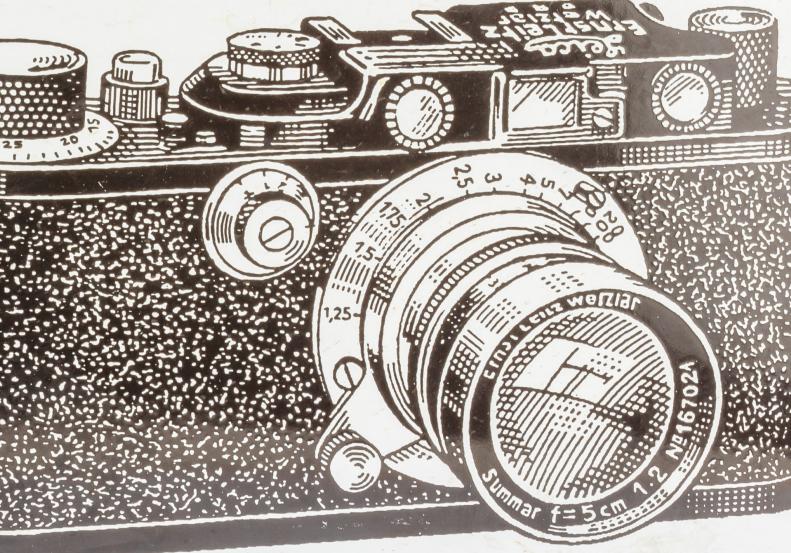
#### 99.Ω

#### A Leica Advertising Dispaly Sign,

39.5 x 39.5cm, convex signel sided enamel

£200 - £300





Leica Copies

lots 100 - 147





## $101.\Omega$ A Canon Hansa Original Rangefinder Camera,

1936-37, chrome, serial no. 625, with Nikkor f/3.5 50mm lens, body, VG, shutter working, some splits to vulcanite, lens, VG, some light internal haze

**Refrence:** This exact camera (No.625) is featured on www.canonrangefinder.org/Canon\_Hansa.htm





#### A Showa Kogaku Leotax FV Rangefinder Camera,

1958, chrome, serial no. 574363, with Tokyo opt. Co. Simlar f/3.5 50mm lens, chrome, serial no. 564111, body, VG, shutter working, lens, G, some light cleaning marks, infinity lock and focusing require attention

£200 - £300



102.Ω

#### A Canon S Rangefinder Camera,

1938-46, chrome, serial no. 10552, with Nippon-Kogaku Nikkor f/3.5 50mm lens, chrome, serial no. 501447, body, VG, shutter working, slow speeds sticking, lens, G-VG, some light internal haze, with maker's lens cap

£2,000 - £3,000



103.Ω

#### A Canon J-II Viewfinder Camera,

1945-46, chrome, serial no. 8368, with Nippon-Kogaku Nikkor-Q.C f/3.5 50mm lens, chrome, serial no. 705454, body, F-G, shutter requires attention, lens, F-G, some internal haze

£700 - £1,000



104.Ω

#### A Canon S-II Rangefinder Camera,

1948, chrome, serial no. 18009, with Canon Serenar f/3.5 50mm lens, chrome, serial no. 9951, body, G, shutter sticking, lens, F, some haze and cleaning marks, with maker's cap

£200 - £300



105.Ω

#### A Canon S-II Rangefinder Camera,

1948, chrome, serial no. 22658, with Serenar f/1.9 50mm lens, chrome, serial no. 29503, body, VG, shutter working, slow speeds sticking, lens, VG, some light internal haze, with maker's cap

£300 - £500



106.Ω

#### A Canon L1 Rangefinder Camera,

1956-57, chrome, serial no. 558824, with Canon f/1.4 50mm lens, chrome, serial no. 50213, body, VG, shutter working, lens, F, some marks to front and rear element

£200 - £300



107.Ω

#### A Canon VT de Luxe Rangefinder Camera,

1957, black repaint, serial no. 542429, with Canon f/1.8 35mm lens, chrome, serial no. 24411, body, F-G, shutter working, lens, VG, some light internal haze

£200 - £300



108. Ω

#### A Canon Model 7 Rangefinder Camera,

1961-64, chrome, serial no. 849298, with Canon f/0.95 50mm lens, chrome, serial no. 11761, body, G-VG, shutter working, lens, complete with UV 1x filter, lens cap and lens hood, in maker's original box

£1,200 - £1,800



109.Ω

#### A Canon f/0.95 50mm Lens Hood,

all paint worn/removed apart from around locking knob, together with Canon 72mm UV 1x filter, both in maker's cases (2)

£200 - £300



#### A Canon Reflex Housing,

for Canon rangefinder cameras, body, G

£200 - £300



#### 111.Ω

#### A Chinaglia Dom AFIOM Kristall 53 Rangefinder Camera,

1953, chrome, serial no. 11647, with Steinar Anastigmat f/3.5 50mm lens, body, VG-E, shutter working, lens, G-VG, some light cleaning marks to rear element

£1,000 - £1,500



112.Ω

#### A FED Zorki Stereo Rangefinder Camera,

1961-65, chrome, serial no. 126824, with FED f/3.8 38mm stereo lens, chrome, serial no. 67, body, VG, shutter fires but curtain sticking, lens, VG

£400 - £600



#### A Hensoldt Henso Reporter Rangefinder Camera,

1953, chrome, serial no. 6281, with Dr Hans Hensoldt Arion f/1.9 50mm lens, chrome, serial no. 00526, body, VG-E, shutter working, lens, VG, some very light marks, complete with lens cap and maker's original box

£1,000 - £1,500



#### 114.Ω

#### A Gatto A.G. Sonne C4 Rangefinder Camera,

1947-48, chrome, serial no. 793C, with Elionar "T" Anastigmat f/3.5 50mm lens, chrome, serial no. 02154, body, G, shutter working, lens, VG

£700 - £1,000



#### An Ilford Witness Rangefinder Camera,

1952, chrome, serial no. 5132, with Dallmeyer Super Six f/1.9 2" lens, chrome serial no. 380532, body, F-G, shutter working, missing side pannel of leatherette, lens, G, some cleaning marking and marks to rear element, in maker's case

£7,000 - £10,000



#### A Kodak Ektra Rangefinder Camera Outfit,

1941-48, chrome, serial no. 2105, with Ektar f/1.9 50mm lens, chrome, serial no. EY342, body, VG, shutter requires attention, lens, VG, some light internal haze, together with Ektar f/3.5 50mm lens, chrome, serial no. EY329, body, VG, elements, VG, Ektar f/3.3 35mm lens, chrome, serial no. ER170, body, VG, elements, VG and Ektar f/3.5 90mm lens, chrome, serial no. EC211, body, VG, elements, VG, some very light internal haze, all lenses in original metal keeps

£1,000 £2,000



117.Ω

#### A Krauss G.A. Peggy II Rangefinder Camera,

1931-34, chrome, serial no H122/4, with Carl Zeiss Jena Tessar f/3.5 50mm lens, body, F-G, shutter linkage jammed, lens, G, shutter working, some light cleaning marks and internal haze, with lens cap

£200 - £300



118.Ω

#### A Krauss G.A. Peggy II Rangefinder Camera,

1931-34, chrome, serial no. D105/4, with Schneider Xenon f/2 45mm lens, black, serial no. 568979, body, G, shutter linkage jammed, film cutting rod missing mushroom grip, lens, G, shutter working, some light internal haze, with maker's case



119.Ω

#### A Look Camara Co. Look Model A Rangeifnder Camera,

1949, chrome, serial no. 1410, with Look Rokkor f/3.5 45mm lens, chrome, serial no. 1392, body, G, shutter working, lens, G-VG, some internal haze, in maker's case

£1,500 - £2,500





120.Ω

#### A Minolta 35 Model II Rangefinder Camera,

1953, chrome, serial no. 49140, with Chiyoko Super Rokkor f/2.8 45mm lens, chrome, serial no. 1409233, body, VG, shutter working, slow speeds inaccurate, lens, VG, with maker's case

Note: Engraved 'EP' to film advanced knob

£100 - £200



121.Ω

#### A Nicca Co. Tower Type -3S Rangefinder Camera,

1949, chrome, serial no. 51122, with Nikon Nikkor-S.C. f/1.4 50mm lens, chrome, serial no. 337650, body, G, shutter working, lens, G-VG, some light cleaning marks

£150 - £250



 $122.\Omega$ 

A Premier Instruments Kardon Civilian Rangefinder Camera, 1945, chrome, serial no. 693, with Kodak Ektar f/2 47mm lens, chrome, serial no. ES2122, body, VG, shutter working, lens, VG,

some very light cleaning marks

£800 - £1,200



123.Ω

#### A Premier Instruments Kardon Military Rangefinder Camera,

1949, chrome, serial no. 1417, with Kodak Ektar f/2 47mm lens, chrome, serial no. RC603, body, G-VG, shutter working, lens, VG-E, with maker's cap

Note: Marked to lens 'Burke & Hanes, Inc., Chicago 4, Ill.'

£800 - £1,200



#### 124.Ω

#### A Reid & Sigrist Reid I Military Body,

1958, chrome, serial no. P1718, body, G-VG, shutter curtain requires replacing

Note: Marked to rear 'APF5/8810'

£400 - £600



125.**S** 

#### A Reid & Sigrist Reid III Type II Rangefinder Camera,

1947-65, chrome, serial no. P1907, with ELC Cooke Amotal Anastigmat f/2 2" lens, chrome, serial no. 298091, body, G, shutter working, lens, G-VG, some light internal marks

£500 - £700



126.Ω

#### A Reise Camera Co. Chiyotax IIIF Rangefinder Camera,

1954, chrome, serial no. 20231, with Nikkor-S.C f/1.4 50mm lens, chrome, serial no. 392797, body, G, shutter working, 1st curtain requires attention, lens, G-VG, some very light internal haze and light cleaning marks, complete with maker's case and original box

£500 - £700



#### 127.Ω

#### A San Giorgio Janua Rangfinder Camera,

1949, chrome, serial no. 450316, with San Giorgio Essegi f/3.5 50mm lens, chrome, serial no. 350884, body, VG, shutter working, lens, G-VG, some light internal haze, in maker's case

Provenance: Ex-Christie's lot 98, 3rd October 1996

£1,000 - £1,500



#### 128.Ω

## A Shanghai Camera Factory Shanghai 58-II Rangefinder Camera,

1959-63, chrome, serial no. 5825319, with f/3.5 50mm lens, chrome, body, G-VG, shutter fires but curtain sticking, lens, G, some light internal fungus, with maker's lens cap and case

£200 - £300



#### $129.\Omega$

#### A Showa Kogaku Leotax Special B Rangefinder Camera,

1940-, chrome, serial no. 2218, with Letana Anastigmat f/3.5 50mm lens, chrome, serial no. 10416, body, G, shutter working, lens, G-VG, some internal haze, focusing stiff, with maker's lens cap

£500 - £700



#### 130.Ω

#### A Showa Kogaku Leotax Special D II Rangefinder Camera,

1947, chrome, serial no. 3575, with Tokyo Optical Co. Simlar f/1.5 50mm lens, chrome, serial no. 151974, body, G, shutter fires but shutter sticking, lens, F-G, some light cleaning marks and three prominant marks to front element

£300 - £500



131.5

#### A Showa Kogaku Leotax Special D III Rangefinder Camera,

1947, chrome, serial no. 5832, with Letana Anastigmat f/3.5 50mm lens, chrome, serial no. 10146, body, G-VG, shutter working, slow speeds sticking, lens, VG, with maker's cap

£200 - £300



A Tanaka Optik Co, Tanack Type IV-S Rangefinder Camera, 1955, chrome, serial no. 77452, with Tokyo Optical Co. Simlar f/3.5 50mm lens, chrome, serial no. 565568, body, VG, shutter not working, lens, G, some cleaning marks

£100 - £200



133.Ω

#### A Zuiho Honor S1 Type II Rangefinder Camera,

1956-57, chrome, serial no. 70858, with Zuiho Optical Co. Honor f/2 50mm lens, chrome, serial no. 5943, body, VG-E, with maker's lens cap

£500 - £700



134.Ω

#### A Som Berthiot Angulor f/3.3 28mm Lens,

Leica screw mount, chrome, serial no. 1078925, body, G-VG, elements, G, cleaning marks to front and rear elements

£200 - £300



135.Ω

#### A Sankyō Kōki Honor Wide-Angle f/2.8 35mm Lens,

Leica coupled screw mount, black, serial no. 240793, body, VG, elements, VG, complete with original lens hood

£200 - £300



136.Ω

#### A Sankyō Kōki W-Komura f/3.5 35mm Lens,

Leica coupled screw mount, black, serial no. 240276, body, G, elements, VG, some light cleaning marks

£100 - £200



137

#### A Staeble-Super-Choro L f/3.5 35mm Lens,

chrome, serial no. 736748, body, E, elements, G, some internal haze, together with a Staeble-Telexon L f/5.6 90mm lens, chrome, serial no. 668315, body, E, elements, VG, some light internal marks (2)

£200 - £300







138.Ω

#### A Voigtlander Nokton f/1.5 50mm Lens,

original Leica screw mount, chrome, serial no. 3432325, body, VG-E, elements, VG-E, with maker's lens caps

£3,000 - £5,000



139.

#### A FED f/2 50mm Lens,

chrome, serial no. 24075, body, VG, elements, VG-E, some very light internal haze Literature: Jean Loup Princelle - The Authentic Guide to Russian and Soviet Cameras - pp108

£300 - £500



140.Ω

A Voigtlander Heliar f/3.5 50mm '10th Anniversary' Lens, nickel, serial no. E080, body, E, elements, E, with lens hood, caps, paperwork and presentation box

Note: One of only 600 examples produced.

£600 - £800



141.Ω

#### A Tokyo Kogaku Topcor f/3.5 50mm Lens,

Leica coupled screw mount, chrome, serial no. 587063, body, VG, elements, VG

£100 - £200



142.Ω

#### A Meyer Gorlitz Primoplan f/1.9 75mm Lens,

Leica non-coupled screw mount, chrome, serial no. 968700, body, G, elements, VG, some very light cleaning marks to front element and light internal haze

**Note:** Marked to focusing mount 'ohne kupplung' (without clutch)

£2,000 - £3,000



143.Ω

#### A Carl Zeiss Jena Sonnar T f/2 85mm Lens,

Leica coupled screw mount, chrome, serial no. 2851235, body, G, elements, F-VG, cleaning marks to front element

£200 - £300



144.Ω

#### A PAM Britar f/4.5 105mm Lens,

Leica coupled screw mount, chrome, serial no. A1004, body, F-G, elements, F, heavy cleaning marks

£70 - £100



145.Ω

#### A Murer Anastigmat f/3.9 108mm Lens,

Leica non-coupled screw mount, black, body, G, elements, G, some internal fungus

£70 - £100



146.Ω

#### A Konishiroku Tokyo Hexar Ser. 1 f/4.5 150mm Lens,

Leica non-coupled screw mount, chrome, serial no. 3147, body, VG, elements, G, some cleaning marks and light fungus to perimeter of middle group, with original lens hood

£100 - £200



147.Ω

#### A Meyer Gorlitz Tele Megor f/5.5 150mm Lens,

Leica non-coupled screw mount, chrome, serial no. 983561, body, VG, elements, VG, some light haze to rear element



## Nikon Rangefinder

lots 148 - 182





#### A Nikon I Rangefinder Camera,

1949, 24x32mm, chrome, serial no. 609159, with Nippon-Kogaku Tokyo Nikkor Q.C f/3.5 50mm lens, chrome, serial no. 705804, body, G, shutter fires but curtain requires attention, lens, G, some internal fungus, complete with original leather ever-ready case

Note: Engraved to baseplate 'Made in Occupied Japan'

£7,000 - £10,000







149.Ω

#### A Nikon M Rangefinder Camera,

1950, 24x34mm, chrome, serial no. M6091401, with Nippon Kogaku Tokyo Nikkor-H.C f/2 50mm lens, chrome, serial no. 8111214, body, G-VG, shutter working, slow speeds inaccurate, lens, VG-E, some very light internal haze, complete with maker's lens cap and original blue velvet box

£1,500 - £2,500





150.Ω

#### A Nikon S '8-digit' Rangefinder Camera,

1951-54, chrome, serial no. 60910252, with Nippon Kogaku Nikkor-S.C f/1.4 50mm lens, chrome, serial no. 323794, body, G, shutter firing but curtain sticking, some corrosion under vulcanite of film door, lens, VG, some light internal haze, complete with black maker's lens cap

Note: Early 8-digit serial number model with production starting at 60910000 - 60911215.

£600 - £800

#### 151.Ω

#### A Nikon S Rangefinder Camera,

1951-54, chrome, serial no. 6125840, with Nippon Kogaku Nikkor-S.C f/1.4 50mm lens, chrome, serial no. 337313, body, G-VG, shutter working, light corrosion under vulcanite of film door, lens, VG-E

£200 - £300







#### A Nikon S2 'Chrome Dial' Rangefinder Camera,

1954-58, black, serial no. 6145019, with Nippon Kogaku Nikkor-S.C f/1.4 50mm lens, black, serial no. 378620, body, G, shutter working, lens, VG-E

£3,000 - £5,000





153.

#### A Nikon S2 'Black Dial' Rangefinder Camera,

1954-58, black, serial no. 6180885, with Nippon Kogaku Nikkor-H f/2 50mm lens, black, serial no. 755982, body, VG, shutter working, lens, G, some light cleaning marks and some internal marks, complete with maker's cap and maker's black case

Note: Very uncommon late 'black dial' example. Serial numbers over 6180000 had a black focusing scale rather than chrome

**Provenance:** The vendor reports this was owned by his uncle who worked for The Sunday Telegraph during the 1960s and 1970s.

£4,000 - £6,000



154.Ω

#### A Nikon S2 Rangefinder Camera,

1954-58, chrome, serial no. 6182691, with Nippon Kogaku Nikkor-S f/1.4 50mm lens, black, serial no. 404550, body, VG, shutter working, lens, VG-E

£300 - £500



#### 155.Ω

#### A Nikon S2 'Dummy' Rangefinder Body,

1954-58, chrome, serial no. 6157019, body, G-VG, lacking all key internal components

£100 - £200



#### 156.Ω

#### A Nikon SP Rangefinder Camera,

1957-64, black, serial no. 6202537, with Nippon Kogaku Nikkor-S.C f/1.4 50mm lens, black, serial no. 379946, body, VG, shutter working, lens, G-VG, some light separation to perimeter of middle group and very light cleaning marks, complete with maker's lens cap

£2,000 - £3,000







157.Ω

#### A Nikon SP Rangefinder Body,

1957-64, with S36 motor drive, black paint, serial no. 6208428, body, G, shutter working, S36 serial no. 94269, complete with grey coloured battery box, power cable and Nikon relay box

£3,000 - £5,000







#### 158.Ω

#### A Nikon SP Rangefinder Camera,

1957-64, chrome, serial no. 6220201, with Nippon Kogaku Nikkor-S f/1.4 50mm lens, black, serial no. 412466, body, VG, shutter working, lens, VG-E

£500 - £700



### A Nikon S3 Rangefinder Camera,

1958, chrome, serial no. 6306229, with Nippon Kogaku Nikkor-S.C f/1.4 50mm lens, black, serial no. 381178, body, G-VG, shutter working, lens, VG, some very light seperation to very peremeter of middle group

£300 - £500



#### A Nippon Kogaku W-Nikkor.C f/4 25mm Lens,

Nikon screw, chrome, serial no. 402898, body, VG, elements, VG-E, complete with maker's caps and additional viewfinder, in maker's case

£700 - £1,000



#### 163.Ω

#### A Nippon Kogaku W-Nikkor.C f/1.8 35mm Lens,

Nikon external bayonet, black, serial no. 353131, body, G-VG, elements, G-VG, some light cleaning marks to front element, with maker's caps

£300 - £500



#### 161.Ω

#### A Nippon Kogaku W-Nikkor.C f/4 25mm Lens,

Nikon external bayonet, chrome, serial no. 402907, body, VG, elements, VG, some light internal haze, complete with Nippon Kogaku 25mm viewfinder, maker's caps and case

£500 - £700



#### 164.Ω

#### A Nippon Kogaku W-Nikkor f/2.5 35mm Lens,

Nikon external bayonet, black, serial no. 270468, body, VG-E, elements, VG-E, with maker's caps

Note: Marked "E.P" to lens release

£200 - £300



#### 162.Ω

#### A Nippon Kogaku W-Nikkor f/1.8 35mm Lens,

Nikon external bayonet, black, serial no. 356675, body, E, elements, VG-E, one tiny fungal patch to middle group, with maker's caps, bubble and box

£300 - £500



#### 165.Ω

#### A Nippon Kogaku W-Nikkor.C f/3.5 35mm Lens,

Nikon external bayonet, black, serial no. 440164, body, VG, elements, VG-E, some very light internal haze, with maker's lens caps

#### A Nippon Kogaku Nikkor-N.C f1.1 50mm Lens,

Nikon internal bayonet, black, serial no. 120484, body, G-VG, eleements, G-VG, some light cleaning marks to front and rear element, complete with Nippon Kogaku L38 62mm filter and lens cap

£1,000 - £2,000



#### 167.Ω

#### A Nippon Kogaku Nikkor-N f/1.1 50mm Lens,

Nikon external bayonet, black, serial no. 140775, body, G-VG, elements, VG, some light cleaning marks to rear element, complete with Nippon Kogaku L38 filter, lens caps and maker's case

£1,500 - £2,500



#### 168.Ω

#### A Nikon Nikkor-S f/1.4 50mm Lens,

Olympic Nikkor for S3, black paint, serial no. 140161, body, G-VG, missing locking tab, elements, F-VG/E, marks to rear element, other elements VG/E

**Notable Sales:** WestLicht Auction - Lot 339 23rd May 2003 - Serial no. 140939

£1,000 - £1,500





169.Ω

#### A Nippon Kogaku Nikkor-S.C. f/1.4 50mm Lens,

M39 rigid, chrome, serial no. 50050559, body, G, elements, VG-E, with lens cap and maker's bubble

£200 - £300



#### 170.Ω

A Nippon Kogaku Nikkor-H.C 'Collapsible' f/2 50mm Lens, M39, chrome, serial no. 806148, body, G-VG, elements, VG

£200 - £300



#### 171.Ω

#### A Nippon Kogaku Nikkor-Q.C f/3.5 50mm Lens,

M39 rigid, chrome, serial no. 216267, body, G-VG, elements, G, cleaning marks to front element, with lens cap in maker's bubble

£500 - £700



#### 172.Ω

#### A Nippon Kogaku Nikkor-S.C f/1.5 ('f15') 85mm Lens,

Exakta mount converted, black, serial no. 264431, body, VG, elements, G-VG/E, some line-line marks to middle group

**Note:** This lens exhibits an engraving error where the '.' is missed from between the 1 and 5. The lens reads '1:15', however, it sohuld read '1:1.5'

£700 - £1,000



#### 173.Ω

#### A Nippon Kogaku Nikkor-T f/4 105mm Lens,

Nikon external bayonet, black, serial no. 410032, body, VG-E, elements, VG, one or two hair-like marks internally, complete with lens hood and maker's caps

£100 - £200



#### 174.Ω

#### A Nippon Kogaku Nikkor-H f/2.5 180mm Lens,

Nikon bayonet mount, black, serial no. 474163, body, G, elements, VG, some light marks to front element, with lens hood and maker's caps

£400 - £600



175.Ω

#### A Nippon Kogaku Nikkor-T f/4.5 350mm Lens,

Nikon external bayonet, black, serial no. 354998, body, VG-E, elements, VG-E, some very light internal marks to middle group, with lens hood and rear cap

£600 - £800



176.Ω

#### A Nippon Kogaku Reflex Housing Model I,

Nikon external bayonet, black, serial no. 371133, body, VG-E, rubber eye-cup damaged, optics, VG

**Note:** Only 200 units produced with serial numbers ranging from 371000 to 371190.

£2,000 - £3,000



177.Ω

#### A Nippon Kogaku Reflex Housing Model II,

Nikon external bayonet, black, serial no. 471391, with 45° prism, serial no. 67249, body, VG-E, optics, VG-E

£1,000 - £2,000



178.Ω

#### A Nippon Kogaku Universal Viewfinder,

black, serial no. 562463, for Nikon 35mm, 50mm 85mm, 105mm and 135mm lenses, body, VG-E, optics, E, in maker's case, complete with original inspection card

£200 - £300



 $179.\Omega$  A Nikon SA Rangefinder Copy Stand, type II, serial no. 11034

£200 - £300



180.Ω

#### A Nippon Kogaku Sports Frame Finder,

chrome, for 35mm, 50mm, 85mm and 135mm lenses, in maker's case  $\,$ 

£200 - £300



#### 181.Ω

#### A Nippok Kogaku Fisheye Viewfinder,

for Nikon Fish-Eye-Nikkor f/8 8mm lens, body, VG-E, optics, E, in maker's case

£200 - £300



182

A Nikon Rangefinder to Leica Screw Mount Adapter, chrome, marked 'H' to side







#### A Nikon F SLR Outfit,

1966, chrome, serial no. 6754146, with Nikkor-H f/2 50mm lens, black, serial no. 659589, body, VG, shutter working, lens, VG-E, together with Zoom-Nikkor f/3.5 43-86mm lens, black, serial no. 451906, body, E, elements, VG, some very fungus towards front group, and Nikkor-P f/2.5 105mm lens, black, serial no. 167287, body, E, elements, E, and PC-Nikkor f/3.5 35mm lens, black, serial no. 108782, body, E, elements, VG-E, complete with Photomic-T finder, all in maker's boxes





#### A Nikon F2 Photomic SLR Camera,

1976, chrome, serial no. 7841408, with Nikkor-S f/1.4 50mm lens, black, serial no. 603311, body, VG, shutter working, lens, E, both in maker's boxes

£200 - £300



185.

#### A Nikon Nikkor-O f/4 21mm Lens,

Nikon F, black, serial no. 220758, body, G, elements, G, some very light cleaning marks to front element and some light internal haze, complete with 21mm viewfinder, lens hood and maker's caps

£200 - £300



### A Nippon Kogaku Ultra-Micro-Nikkor M=1/10 f/1.8 28mm

black, serial no. 282524, body, VG-E, elements, E, in maker's box

£300 - £500



187.

#### A Nikon NIkkor-O f/2 35mm Lens,

black, serial no. 692877, body, E, elements, VG-E, in maker's bubble and box

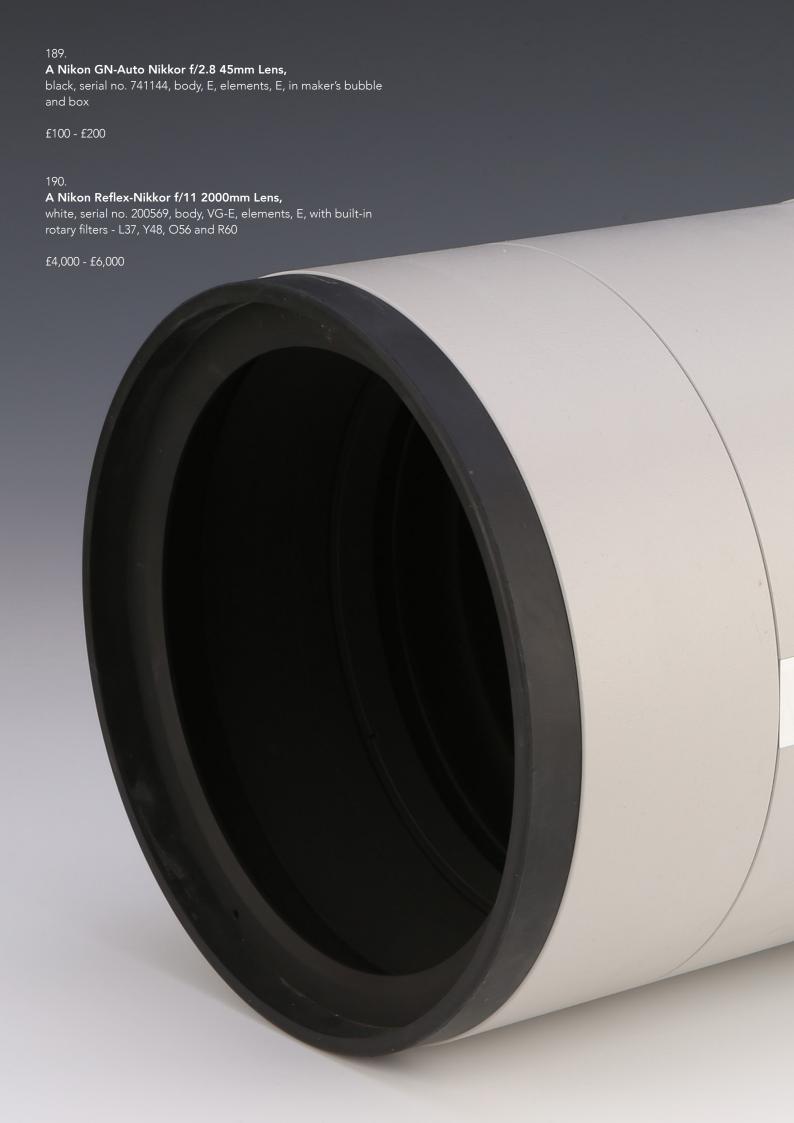
£100 - £150



#### A Nikon PC-Nikkor f/2.8 35mm Lens,

black, serial no. 875754, body, E, elements, E, in maker's case and box

£150 - £250





## Zeiss Ikon & Contax

lots 191 - 199





#### A Zeiss Ikon Contax If Rangefinder Camera,

1932-36, black, serial no. Z27034, with Carl Zeiss Jena Tessar f/3.5 50mm lens, nickel, serial no. 1294224, body, VG, shutter not working nor advancing, lens, G-VG, some internal haze

£100 - £200



#### 194.Ω

#### A Spezial-Anastigmat f/4.5 50mm Lens,

black, serial no. 1339114, body, G, elements, VG, some internal haze

£100 - £200



#### 192.Ω

#### A Carl Zeiss Jena Biogon f/2.8 35mm Lens,

Contaflex TLR mount, chrome, serial no. 2234744, body, G-VG, elements, VG, some light internal haze, with maker's cap

£1,000 - £2,000



#### 195.

#### A Carl Zeiss Triotar f/4 85mm Lens,

Contarex TLR mount, chrome, serial no. 1504507, body, VG, elements, VG-E, some light internal haze

£1,000 - £1,500



#### 193.

#### A Zeiss Ikon Stereotar C f/3.5 35mm Stereo Lens Outfit,

chrome, serial no. 12567, body, VG-E, elements, VG-E, complete with beam splitter and viewfinder, with maker's caps and case

£500 - £700



#### 196.

#### A Carl Zeiss Jena Tele-Tessar f/6.3 180mm Lens,

chrome, serial no. 2609966, body, G, elements, F-G, cleaning marks to front element

£200 - £300



#### A Carl Zeiss Sonnar f/4 250mm Lens,

Contarex, black, serial no. 3260473, body, VG-E, elements, VG-E, some very light internal haze, with lens hood and maker's caps

£200 - £300



#### A Carl Zeiss Jena Tele-Tessar K f/8 300mm Lens,

first type, black/nickel, serial no. 1622657, body, G-VG, elements, G-VG, some internal haze to rear group, complete with 436/12, lens hood and filter

£1,000 - £2,000



199.Ω

#### A Zeiss Ikon Contaprox I,

with Carl Zeiss Jena Tessar T f/3.5 50mm lens, chrome, serial no. 3066337, body, VG, elements, VG, some light internal haze



# 35mm Cameras





#### A Corfield Periflex 1 Camera,

1954, black, serial no. 512146, with Corfield Lumar f/3.5 50mm lens, chrome, serial no. 3164, body, VG-E, curtain sticking when shutter fired, pressure plate modified, lens, G-VG, some cleaning marks, complete with Corfield Tele-Lumax f/3.5 135mm lens, chrome, serial no. LO91318O, body, VG, elements, G, some very light internal fungus and haze, in a well constructed homemade case

£200 - £300



#### 201.

#### A Contax T2 Compact Camera,

1990-, champagne, serial no. 199278, with Carl Zeiss Sonnar T\* f/2.8 38mm lens, body, F-G, powers up and film tested, lens, VG, in maker's case

£400 - £600



#### 202.Ω

#### A Ducati Simplex Camera,

1950-, chrome, serial no. 11342, with Ducati Etar f/3.5 35mm lens, chrome, body, VG, shutter sticking slightly, lens, VG

£200 - £300



#### 203.Ω

#### A Ducati Bulk Film Loader,

complete with two cassettes

£100 - £200



#### 204.

#### An Ihagee Exakta Real SLR Camera,

1966, chrome, serial no. 00970, with Schneider Xenar f/2.8 50mm lens, black, serial no. 9970534, body, VG, shutter requires attention, lens, VG, some light internal haze, with maker's case

£700 - £1,000



#### A Kowa SW Compact Camera,

1964, chrome, serial no. 702513, with Kowa f/3.2 28mm lens, serial no. 701084, body, VG, shutter not working, lens, VG, with maker's cap



#### An Olympus OM-3Ti SLR Body,

1995-97, titanium, serial no. 1001352, body, G-VG, shutter working

£600 - £800



207.Ω

#### A Pignons Alpa Reflex I Rangefinder / SLR Camera,

1944-45, chrome, serial no. 11251, with Bloca-1 Anastigmat f/2.8 50mm lens, chrome, serial no. 57329, body, F, shutter fires but curtain sticking, lens, G-VG, some light cleaning marks and internal haze, with maker's lens cap

£600 - £800



208

#### A Pignons Alpa Mod. 6c SLR Camera,

1960-69, black, serial no. 47506, with Kern-Macro-Switar AR f/1.8 50mm lens, black, serial no. 1020629, body, G-VG, shutter working, lens, G, some internal fungus and internal haze, in maker's case

£700 - £1,000



209.Ω

#### A Rectaflex Starea Rectaflex 1300 SLR Camera,

1952-56, chrome, serial no. 25586B, with Schneider Xenon f/2 50mm lens, chrome, serial no. 3106130, body, VG, shutter working, lens, G-VG, some internal haze

£300 - £500



210.

#### A Zeiss Ikon Contarex Special SLR Camera,

1960-66, chrome, serial no. U25497, with Carl Zeiss Tessar f/2.8 50mm lens, chrome, serial no. 3255287, body, G-VG, shutter working, lens, G, some marks to front element

£200 - £300



211.

#### A Zeiss Ikon Contarex 'Bullseye' SLR Camera,

1959-66, chrome, serial no. T88726, with Carl Zeiss Planar f/2 50mm lens, chrome, serial no. 2367946, body, VG-E, shutter working, lens, G-VG, some very light separation to perimeter of middle group, with lens hood and maker's case



212.

#### A Zeiss Ikon Hologon Ultrawide Camera,

1970-72, black, serial no. P76036, with Carl Zeiss Hologon f/8 15mm lens, black, serial no. 4851230, body, G-VG, shutter working, some coating marks to viewfinder, lens, VG, complete with pistol grip and maker's case

£800 - £1,200



## Hasselblad





#### A Hasselblad 500C 'Type 1 C Box' Medium Format Camera,

1957, chrome, serial no. CU34080, with Carl Zeiss Jena Planar f/2.8 80mm lens, chrome, serial no. 1599087, body, VG-E, shutter working, lens, VG-E, complete with paperwork and maker's box

**Note:** This is a first issue camera, with standard rapid wind crank and first issue viewfinder (strut type). The outer box is only marked with a 'C' in turquoise to the lower left side of each corner. It also has a silver lid section with 'Hasselblad' to long sides & 'Hasselblad' on each short section to top and plain silver ends. Silver lid section written '5ooC'. Inside, a styrofoam interior, with special pop-up show/display card, with instructions in Swedish.

£1,000 - £1,500



214.

#### A Hasselblad 500C Type 1 Medium Format Camera,

1957, chrome, serial no. CU30425, with Carl Zeiss Jena Planar f/2.8 80mm lens, chrome, serial no. 1598784, body, VG, shutter working, lens, G, shutter working, some very light separation to the perimeter, complete with additional A12 back

Note: This is a first issue camera, with first issue viewfinder (strut type). This is the 425th 500c camera to be produced.

£700 - £1,000



#### A Hasselblad 500EL Medium Format Camera,

1966, chrome, serial no. TTE9857, with Carl Zeiss Planar f/2.8 80mm lens, chrome, serial no. 4288935, body, VG-E, lens, VG-E, shutter working, complete with battery, charger, strap, instructions and maker's box

£300 - £500



216.

#### A Hasselblad 500EL/M Medium Format Body,

1981, chrome, serial no. RV1320336, body, E, shutter working, compete with battery and charger, instrutions and maker's box

£200 - £300



217.

#### A Hasselblad 903SWC Medium Format Camera,

1988, chrome, serial no. RR149360, with Carl Zeiss Biogon T\* f/4.5 38mm lens, black, serial no. 7122565, body, VG, shutter working, lens, F-VG, some internal fungus to middle element group, complete with A12 back, ground glass focusing screen and late version 38mm finder

£1,200 - £1,800



218.

#### A Hasselblad 500C/M Medium Format Camera,

1993, chrome, serial no. 10EP20927, with Carl Zeiss Planat T\* CF f/2.8 80mm lens, black, serial no. 7268644, body, VG, lens, VG, shutter working, complete with A12 back and maker's lens hood

£600 - £800



219.

#### A Hasselblad H4D-50 MS Digital Medium Format Camera,

2010, serial no. 70SE28718, body, VG-E, in working order, complete with HVD 90x prism, instructions and maker's box

£2,800 - £3,200



220

#### A Hasselblad HCD f/4-5/6 35-90mm Lens,

black, serial no. 7MSE10761, body, VG-E, elements, VG-E, complete with lens hood, paperwork and maker's box

£1,500 - £2,000



#### A Carl Zeiss Distagon T\* CF f/3.5 60mm Lens,

Hasselblad V mount, black, serial no. 7474456, body, VG-E, shutter working, elements, VG-E, with maker's caps

£300 - £500



222.

#### A Carl Zeiss Sonnar T\* CF f/4 150mm Lens,

Hasselblad V mount, black, serial no. 7275460, body, VG, shutter working, elements, E, with maker's caps

£100 - £200

223.

#### A Carl Zeiss Sonnar Superchromat f/5.6 250mm Lens,

Hasselblad V, black, serial no. 5621796, body, VG, elements, G-VG, some light coating marks to front element, with maker's caps and bubble

£1,500 - £2,500





224.

#### A Carl Zeiss Sonnar T\* CF f/5.6 250mm Lens,

Hasselblad V mount, black, serial no. 8147926, body, VG, shutter working, elements, E, with maker's caps and lens hood

£100 - £200



225.

#### A Hasselblad Microscope Shutter,

1977-88, black, C barrel housing, in maker's bubble with unique cover

£100 - £200



226.

#### A Hasselblad Microscope Shutter,

1962-76, chrome, C barrel housing, in maker's bubble

£100 - £200



#### 227.

#### Three Hasselblad Magazine Backs,

including C24 TIDIC, C12 TIMAC and C16s TISEC, all in maker's box with card outer sleeves (3)

£100 - £200



228.

#### A Hasselblad Illumanated Advertising Sign,

30x17cm, two in power cable



229.

A Hasselblad Black Arcylic Display Stand, circa 1980-

£50 - £70



#### A Hasselblad Wall Clock,

acrylic, 7x7", in maker's box

£70 - £100



231.

#### A Hasselblad 500C Camera Display Stand,

with wooden base and painted wooden back, marked to base 'Made in Sweden'

£70 - £100





#### An 'Ex-Admiralty Remodelled' ARL Mk. II Camera,

1953-59, black, with Hall Bros. Unimar f/4.5 105mm lens, serial no. 4554, body, G-VG, shutter working, lens, G, some internal haze

**Note:** A rare adaptation of an AGI naval camera design, advertised between 1953 and 1959 by Paul Studios of Eastbourne as a cut-price alternative to AGI's Agiflex range.

**History:** Camera restored to working order by Derek Calder in 2013. Refrence: Frank Porritt - "Agiflex SLR Cameras'.

£200 - £300



233.

#### An Ihagee Exakta 66 Horizontal Camera,

1939, chrome, serial no. 554062, with Carl Zeiss Jena Tessar f/3.5 80mm lens, chrome, serial no. 2144877, body, G, shutter working, lens, G-VG, some internal haze, complete with Carl Zeiss Jena Tessar f/6.3 65mm lens, chrome, serial no. 2738604, body, VG, elements, VG, some light internal haze, and Carl Zeiss Jena Tele-Tessar f/6.3 250mm lens, chrome, serial no. 2354387, body, F-G, elements, VG, camera in maker's case

**Note:** Supposedly, only 350 horizontal models were produced.





234.

#### An Ihagee Exakta 66 Vertical Camera,

1953-54, chrome, serial no. 600129, with C.Z. Jena Tessar f/2.8 80mm lens, chrome, serial no. 3514037, body, G, shutter working, lens, G, some fungus, complete with maker's case

£300 - £500



235.

#### A Kershaw Peregrine III Rangefinder Camera,

1948, chrome, serial no. 4/26009, with Taylor Hobson Adotal f/2.8 50mm lens, chrome, serial no. 344412, body, G-VG, shutter working, lens, VG, some light internal haze

£2,000 - £3,000



236.

#### A Mamiya 7 Rangefinder Camera,

1997, grey, serial no. PA1325, with Mamiya N L f/4 80mm lens, black, serial no. OI1252, body, VG-E, shutter working, lens, VG-E, together with a Mamiya N L f/4.5 150mm lens, black, serial no. PI1145, body, E, elements, VG-E, all in maker's boxes

£1,800 - £2,200



237.Ω

#### A Rollei Rolleiflex 3.5F TLR Camera,

1958-60, black, serial no. 2207316, with Schneider Xenotar f/3.5 75mm lens, serial no. 5687324, body, G, shutter working, iris slightly sticking, lens, VG, some light internal haze, with maker's cap and case

£300 - £500



238.Ω

#### A Rollei Rolleiflex 2.8F TLR Camera,

1961-80, black, serial no. 2438774, with Carl Zeiss Planar f/2.8 80mm lens, serial no. 3939301, body, G, shutter working, lens, VG-E, some very light cleaning marks, with maker's lens cap and case

£700 - £1,000



239.Ω

#### A Rollei Tele-Rolleiflex TLR Camera,

1965, black, serial no. 2302099, with Carl Zeiss Jena Sonnar f/4 135mm lens, serial no. 2690792, body, G-VG, shutter working, iris slightly sticking, lens, VG, a few very light separation spots to perimeter of taking lens and viewing lens, with cap and maker's case

£500 - £700



240.

#### A Ross Ensign Autorange 820 Rangefinder Camera,

chrome, serial no. 10133, with Ross Xpres f/3.8 105mm lens, chrome, serial no. 74500, body, VG, shutter working, lens, G-VG, some light internal haze, in maker's case

£1,000 - £1,500



241.

### A Panon Camera Co. Widelux 1500 Super Wide Angle Camera.

1988, black, serial no. 620230, with f/2.8 50mm lens, body, VG, shutter working, lens, VG, some light internal haze, in maker's soft case

£1,000 - £1,500



242.Ω

#### A Panon Camera Co. Super Wide IIA Panoramic Camera,

1958, chrome, serial no. 51001, with Konishiroku Hexanon f/2.8 50mm lens, serial no. 86000, body, VG, shutter working, crudly engraved 'L4535' in two places, lens, G, some light fungus, in a maker's case

£400 - £600

# CAMERA



## Large Format

lots 243 - 258





#### A Sinar F2 5x4" Monorail Camera,

1990-, black, serial no. 82504, with Sinar Sinaron S MC f/5.6 210mm lens, in Prontor 1S shutter, black, serial no. 10923223, body, VG-E, lens, VG-E, shutter working, complete with three DDS and Polaroid 645 Pro back, in maker's case





244.

#### A Sinar P2 5x4" Monorail Camera,

1970-85, black, with Rodenstock APO-Sironar-N f/5.6 210mm lens, black, serial no. 11244304, body, VG, lens, VG, shutter working, complete with three DDS

£400 - £600



245.

#### A Sinar P2 Monorail Camera,

with tapered bellows to P3 rear fitted with a Sinar 54H 22mp digital back, black, serial no. 11167, with Sinar Sinaron f/5.6 135mm lens, body, VG, lens, VG-E, shutter working and back powers up, complete with single firewire cable

**Note:** Digital back offers 1x, 4x and 16x exposure options and includes P3 adapter plate 551.65.235. The camera must be used tethered.



246.

#### A Sinar P2 10x8" Front Bearer,

black, body, VG

£200 - £300



247.

#### A Schneider APO-Symmar f/5.6 120mm Lens,

in Copal-No.0 shutter, black, serial no. 14639357, body, VG-E, shutter working, elements, VG-E, with maker's caps

£100 - £200



248

#### A Schneider Technika Super-Angulon f/8 121mm Lens,

in Linhof Synchro-Compur shutter, chrome, serial no. 11088356, body, VG, shutter working, elements, G, some internal haze and light cleaning marks, on Linhof Technika lens board and with maker's caps

£100 - £200

£1,200 - £1,800



249.

#### A Schneider APO-Symmar f/5.6 180mm Lens,

in Copal-No.1 shutter, black, serial no. 14589091, body, VG-E, shutter working, elements, VG-E, with maker's caps

£100 - £200



250.

#### A C. P. Goerz Dagor f/9 210mm Lens,

in Copal-No.3 shutter, black, serial no. 561351, body, VG-E, shutter working, elements, F-G, some haze/possibly separation to front group, on lens board

£100 - £200



251.

#### A Rodenstock Technika Rotelar f/5.6 270mm Lens,

in Linhof Synchro-Compur shutter, black, serial no. 6169052, body, VG, shutter working, elements, VG-E, on Linhof Technika lens board and with maker's caps

£80 - £120



#### 252.

#### A C. P. Goerz Apochromat Artar f/9 14" Lens,

in Copal-No.3 shutter, black, serial no .791516, body, VG-E, shutter working, elements, VG, some cleaning marks to front and rear element, mounted on lens board

£100 - £200



#### 253.

#### A Rodenstock Apo-Ronar MC f/9 480mm Lens,

in Copal-No.3 shutter, black, serial no. 10917454, body, VG-E, shutter working, elements, VG-E, with maker's caps

£100 - £200



254.

#### A Sinar Sinaron Digital HR f/4 60mm Lens,

black, serial no. 11589612, body, E, shutter working, elements, E, mounted in Sinar E. shutter on P2 plate

£400 - £600



255.

#### A Sinar Sinaron Digital HR-S f/4 100mm Lens,

black, serial no. 12127312, body, E, shutter working, elements, VG-E, mounted in Sinar E shutter on P2 lens board

£500 - £700



#### 254

#### A Sinar Sinaron Digital HR f/4 100mm Lens,

black, serial no. 11749650, body, E, shutter working, elements, E, mounted in Sinar P3 CAB

£400 - £600



#### 257.

#### A Sinar Sinaron Digital HR f/5.6 180mm Lens,

black, serial no. 11797772, body, E, shutter working, elements, E, mounted in Sinar P3 CAB

£500 - £700



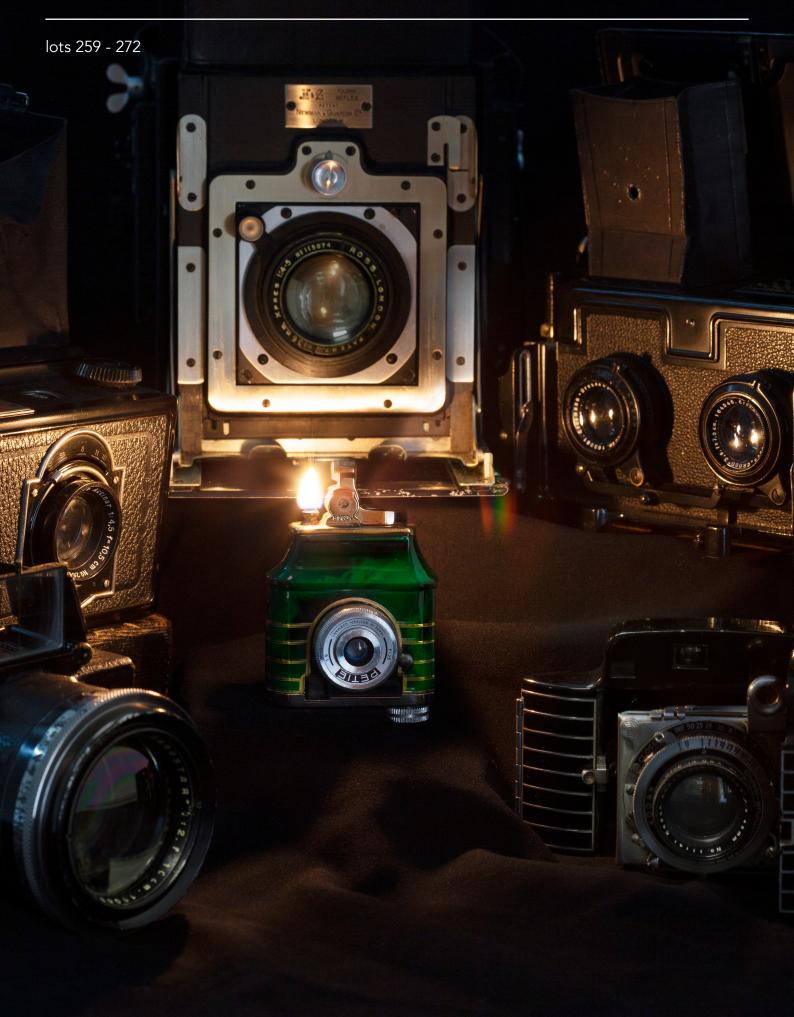
#### 258.

#### A Sinar Sinaron Digital HR f/5.6 210mm Lens,

black, serial no. 11700390, body, E, shutter working, elements, E, mounted in Sinar P3 CAB

£400 - £600

## Cameras





A Contessa-Nettel Piccolette Luxus Folding Camera, 1924, brown leather, serial no. 506092, with Carl Zeiss Jena Tessar f/4.5 75mm lens, serial no. 717129, body, G, lens, VG, shutter working, some light internal haze

£100 - £200



261.

#### An Ernemann Er-Nox 4.5x6cm Camera,

1924, black, serial no. 1185267, with Ernemann Ernostar f/2 100mm lens, serial no. 150689, body, VG, shutter working, lens, G, some light cleaning marks, with maker's cap

£1,200 - £1,800

260.Ω

#### An Ernemann Stereo Ernoflex Folding Strut Camera,

1925-26, black, serial no. 1285132, with Ernemann Ernon f/3.5 75mm lenses, serial nos. 165081/164546, body, VG, shutter requires slight attention, lenses, VG, some light internal haze

£1,000 - £2,000





#### An Ensign Multex Model O Rangefinder Camera,

1937-38, chrome, serial no. H21934, with Ensign Multar Anastig. f/3.5 50mm lens, chrome, serial no. 140362, body, G, shutter working, lens, G, some light cleaning marks, in maker's case

£400 - £600



263.Ω

#### An ICA Minimum Palmos Folding Strut Camera,

1924-26, 4.5x6cm, serial no. K46497, with Carl Zeiss Jena Tessar f/2.7 80mm lens, black, serial no. 653555, body, VG, shutter working, lens, VG, some light internal haze, complete with magazine back and maker's case

£500 - £700



#### An Ihagee Parvola Camera,

1931-39, 3x4cm, black, serial no. 384272, with Hugo Meter Makro Plasmat f/2.7 50mm lens, black, 504502, body, VG, shutter working, slow speeds sticking, lens, G, some internal haze

Note: In the UK and the USA it was known as the "Weeny Ultrix".

£2,000 - £3,000



265.

#### A Kamera Werkstatten Reflex Box Camera,

1933, 6x9cm, black, with Steinheil Munchen Actinar f/4.5 105mm lens, black, serial no. 266694, body, VG-E, shutter working, lens, G-VG, some light internal haze

£100 - £200



#### A Kodak Bantam Special Rangefinder Camera,

1936-48, black, serial no. 5350099, with Kodak Ektar f/2 45mm lens, black, serial no. 11141, body, G, some marks to rear, lens, VG, shutter working

£150 - £250



267.Ω

#### A Kodak No.2 Bulls-Eye Special Camera,

1898, brown, with Bausch & Lomb Rapid Rectalinear f/4 brass lens, body, VG-E, shutter fires but iris sticking, lens, VG-E, in maker's box

£100 - £200



268.Ω

#### A Kodak Super Six-20 Rangefinder Camera,

1938-44, chrome, serial no. 59714, with Kodak Anastigmat Special f/3.5 100mm lens, chrome, serial no. 430, body, VG, shutter not working, lens, F-VG, some haze and coating marks to rear element, complete with maker's case





269.

#### A Kunik Walter Petie Lighter Camera,

1956, lacquered-green, with f/9 25mm lens, body, VG, shutter working, lens, VG  $\,$ 

£700 - £1,000



270.

#### An E. B. Koopman 'The Presto' Camera,

1899, body, G, shutter working, lens, G-VG, engraved to top 'E.B. Koopman, New York, Sole MFR, Made in U.S.A'

£400 - £600



271.

#### A Newman & Guardia Folding Reflex Camera,

1921-30, 6.5x9cm, black, serial no. FR564, with Ross Xpres f/4.5 136mm lens, black, serial no. 115074, body, VG, shutter requires attention, some light corrosion to parts, lens, VG, some internal haze, complete with three DDS, one magazine back and lens hood, in maker's fitted case

£200 - £300



272.Ω

#### A Schatz & Sohne Sola Subminiature Camera,

1937, chrome, serial no. 914, with Schneider Kinoplan f/3 25mm lens, chrome, serial no. 1376956, body, VG, shutter not working, lens, VG

£1,000 - £1,500

## Lenses

lots 273 - 301





 $273.\Omega$  An Astro-Berlin C Tachar f/2.3 135mm Lens, black, serial no. 63420, body, G, elements, VG, some very light coating deterioration to front element

£200 - £300



274.

A P. Angenieux Retrofocus Type R2 f/2.2 24mm Lens,
Camflex mount, black, serial no. 1002066, body, G, elements, F,
heavy cleaning marks, complete with original lens hood and rear
cap



275. A P. Angenieux Type S3 f/2 100mm Lens,

Camflex mount, black, serial no. 312324, body, G-VG, elements, F-G, some naturally occurring bubbles to element in middle group, some cleaning marks and light fungal spotting, complete with original lens hood and lens caps

£18,000 - £22,000





276. A Prototype Boyer Saphire f/1.9 50mm Lens, black, serial no. 2100801, body, VG, elements, VG-E

Note: Professional adapted to Leica M rangefinder coupled

£2,000 - £3,000



277. A Canon FD L f/1.4 24mm Lens,

black, serial no. 18336, body, G-VG, some deterioration to inner walls, elements, G-VG, some light cleaning marks to front element

£1,000 - £2,000



278.

#### A Cooke Speed Panchro f/2 1" Lens,

Newman Sinclair mount, black, serial no. 319761, body F-G, elements, G, some cleaning marks

£200 - £300



279.

#### A Cooke Speed Panchro f/2 50mm Lens,

black, serial no. 474554, body, G, elements, VG-E, complete with lens hood

£500 - £700



#### A Cooke Super Speed Panchro f/1.3 58mm Lens,

black, serial no. 242529, body, VG-E, elements, VG, some very light internal haze, with maker's caps

£20,000 - £30,000





#### A Cooke Speed Panchro f/2 75mm Lens,

black, serial no. 339579, body, G, elements, F-VG, cleaning and coating marks to front element and clearning marks to rear

£500 - £700



282.Ω

#### A Cooke Deep Field Panchro f/2.5 100mm Lens,

Bell & Howell Foton mount, chrome, serial no. 282706, body, VG, element, G-VG, some light cleaning marks, with Bell & Howell Co. lens hood and rear cap

£700 - £1,000



#### A Cooke Panchrotal Anastigmat f/2.3 4" Lens,

chrome, serial no. 373698, body, VG-E, elements, VG-E, in maker's box

£400 - £600



284.

#### A Dallmeyer Septac f/1.5 2" Lens,

chrome, serial no. 376047, body, G-VG, elements, VG, some light coating marks to rear element and light internal haze

£6,000 - £8,000



285.

#### A Dallmeyer Super Six f/1.9 127mm Lens,

black, serial no. 623533, body, VG, elements, VG-E, some very light cleaning marks, complete with lens cap, mounted on Sinar lens board

£3,000 - £5,000



286.

#### An Enna Munchen Ennalyt f/1.5 85mm Lens,

M42, black, serial no. 4040096, body, G-VG, elements, VG, two small separation spots to middle group, in maker's case

£300 - £500



#### A C. P. Goerz Hypar f/3.5 3" Lens,

brass, serial no. 393217, body, G, elements, VG, some very light marks

**Note:** These lenses were mainly used on 35mm cine cameras, much like the Bell & Howell 2709

£400 - £600



288.

#### A Hugo Meyer Plasmat f/1.5 31/2" Lens,

black, serial no. 292622, body, G, elements, VG, some light internal haze to rear element groups and light internal marks, complete with maker's lens hood

£7,000 - £10,000



289.

An ISCO Gottingen Iscoram Anamorphot 1.5x 42MC Lens, black, body, VG, elements, VG-E, in maker's box

£1,000 - £2,000



290.

#### A Kinoptik Focale Apochromat f/2 25mm Lens,

black, serial no. 19197, body, G-VG, elements, VG, some light internal haze

£250 - £350



291.

#### A Kinoptik Apochromat f/2 35mm Lens,

Camflex mount, white, serial no. 61090, body, G, elements, VG, some light cleaning marks

£350 - £450



292.

#### A Kinoptik Focale Fulgior f/1.3 50mm Lens,

Camflex mount, black, serial no. 16211, body, G-VG, elements, VG, some light marks to rear element, complete with original lens caps

£7,000 - £10,000



293.

#### A Kinoptik Apochromat f/2 75mm Lens,

Camflex mount, white, serial no. 62764, body, G-VG, elements, F-VG, heavy cleaning marks to front element, complete with lens hood

£1,500 - £2,000



294.

#### A Kinoptik Apochromat f/2 100mm Lens,

Camflex mount, black, serial no. 58025, body, VG, elements, G, some cleaning marks and internal marks, complete with lens hood and rear cap

£1,800 - £2,200



295.

#### A Kinoptik Focale Apochromat f/2.5 150mm Lens,

M42 screw, black, serial no. 8857, body, G, elements, F, some damages to rear element and cleaning marks to front and rear, complete with original lens hood and cap

£700 - £1,000



296.

#### A Kinoptik Special Cine Focale f/3.5 300mm Lens,

Camflex mount, black, serial no. 19866, body, VG, elements, VG-E, with maker's caps

£200 - £300



297.

#### A Ross Xpres f/1.9 11/2" Lens,

Newman Sinclair mount, black, serial no. 156496, body, G, elements, G-VG, some internal haze, with drop-in filter hood

£2,000 - £3,000



298.

#### A Ross Xprss f/1.9 2" Lens,

black, serial no. 154509, body, G elements, G, some light separation to perimeter of middle group

£7,000 - £10,000



299.

#### A Ross Xpres f/1.9 2" Lens Hood,

brass, with slot for square filters; May also fit Ross Xpres f/1.9  $38 \mathrm{mm}$ 

£200 - £300



300.

#### A Ross Xpres f/1.9 3" Lens Hood,

brass, with slot for square filters

£300 - £500



301.

A Carl Zeiss Jena Planar Series Ia No.1 f/4.5 20mm Lens, black, serial no. 92313/30809, body, G, elements, VG-E, some very light internal haze, with lens cap

£200 - £300

## Mahogany & Brass

lots 302 - 320





#### A J. H. Dallmeyer Quarter Plate Mahogany Tailboard Camera,

1900-, brass-bound with stereo-sliding lens board and adjustable pivoting rear, with unmarked f/8 brass lens, body, VG, lens, VG, with one DDS

£300 - £500



 $303.\Omega$ 

#### A Deardorff 4x5 Special Large Format Camera,

View Series, serial no. 393, with Schneider Symmar f/5.6 210mm lens, chrome, serial no. 8583974, body, VG, lens, VG, shutter working, some light internal haze, together with a Schneider Super-Angulon f/5.6 90mm lens, black, serial no. 10548168, body, VG, shutter working, elements, VG, some internal haze, and with another lens

£1,200 - £1,800



305.

#### A J. Lizars Challenge Mahogany & Brass Camera,

1905, 3¼x4¼", with Aldis Anastigmat No.2 f/6 lens, body, VG-E, blue bellows, lens, VG-E, shutter working, complete with ground glass screen and three DDS, in maker's case

£200 - £300

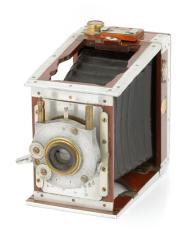


 $306.\Omega$ 

#### A J. Lizars Tropical Challenge Dayspool Camera,

1905, 9x12cm, teak, with Lizar's Challenge lens, body, G, lens, G-VG, shutter working

£200 - £300



307.

#### 304. A Shew & Co. Xit Aluminium Mahogany Strut Camera, A Kodak Studio Mahogany & Brass Camera,

1910, 3¼×4¼", with Ross Zeiss Patent f/6.8 7¼" lens, brass, with Kodak 6½ x4¾" reducing back, on Kodak Century tripod, serial no. 14001, body, G, some modifications, lens mounted in with Cooke Aviar Anastigmat Series IIIB f/6 320mm lens, black, G.P. Goerz shutter (unmarked), lens, G-VG, shutter working but serial no. 381833, body, G, tripod missing one wheel, lens, G-VG, sluggish, some light internal fungus, complete with ground glass some internal haze, complete with several DDS screen

£200 - £300 £150 - £250

101



#### A Shew & Co. Xit Aluminium Mahogany Strut Camera,

910, 5x4", with C. P. Goerz Doppel-Anastigmat Series III No.2 f/6.8 180mm lens, black, serial no. 74437, body, G-VG, lens in C. P. Goerz shutter, lens, G-VG, shutter working, some light internal haze, with ground glass screen

£200 - £300



309.

#### A Shew & Co. Eclipse Mahogany Strut Camera,

1890-, serial no. 4102, with Taylor Taylor Hobson Cooke Series III f/6.5 5.5" lens, brass, serial no. 1047, body, VG, lens, G-VG, shutter working, with three DDS

£200 - £300



310

### A Thornton Pickard Ruby Whole Plate Mahogany Field Camera,

1899-1908, serial no. 7503F, with Ross Symmetrical Anastigmat g/5.6 7½" lens, brass, serial no. 58380, body, G, shutter working, some later replaced aluminium bindings, lens, G-VG, some haze, together with Emil Busch Busch-Bis-Telar No.3 f/9 14" lens, brass, serial no. 18594, body, VG, elements, G, some light haze and light fungus, complete with four DDS in case

£200 - £300



311.

### A W. Watson Alpha Tropical Mahogany Hand & Stand Camera,

1894, 4¾×6½", with W. Watson & Sons Rapid Rectalinear f/8 6½x4¾" lens, brass, serial no. 5293, body, VG-E, marks to base from tripod, carry handle requires attention, lens, VG-E, complete with one DDS

£400 - £600



312

### A W. Watson & Sons Whole Plate Mahogany Tailboard Camera,

1885-90, serial no. 541, with J. Robinson & Sons Instantaneous Rectilinear Waterhouse stop lens, brass, serial no. 1863, body, G, shutter working, lens, F, some seperation to peremeter and internal haze, with one DDS

£200 - £300



313.

## A W. Watson & Sons Half Plate Mahogany Field Camera, 1885-90, serial no. 9517, with Busch's Rapid Symmetrical f/8 brass lens, body, G-VG, lens, VG, some very light cleaning marks, with one DDS

£150 - £250



#### An Unusual French Brass & Mahogany Survey Camera,

French, c.1880, signed to a plaque at the top 'SCHRAMBACH, Paris' constructed of French polished mahogany with inlaid brass compasses and spirit levels, recessed campaign-style brass handle, with brass bound lens with rack and pinion focus & cap, elements signed in pencil 'Darlot', focusing screen, 6in x 8in, with grid, with 2 DDSs, camera height 26cm

£400 - £600



315.Ω

#### An Unmarked Tropical Reflex Camera,

1900-, 8x8cm, teak, with Taylor Hobson Cooke Anastigmat f/4.5 6 6/8"" lens, black, serial no. 142704, body, F-G, shutter not working, lens, VG-E, complete with two DDS

£400 - £600



316.

#### A J. H. Dallmeyer 3D f/6 Soft Focus Brass Lens,

no serial no., marked to. body 'Unscrew for Soft Focus', body, G, elements, G-VG, some very minor separation to the perimeter of front element and light cleaning marks, complete with brass flange

£400 - £600

#### 317.Ω

#### A Darlot Hémisphérique Wide Angle Brass Lens,

three arm stops, serial no. 756, body, VG, elements, VG-E

£200 - £300



318.Ω

#### An Emil Busch Pantoskop No.3 Brass Lens,

with rotary Waterhouse stops, body, G, elements, G, some cleaning marks

£200 - £300



319.Ω

#### A Jamin & Darlot Petzval Brass Lens,

serial no. 3518, body, G, elements, G-VG, some cleaning marks to inside of rear element, complete with flange and lens hood

£400 - £600



 $320.\Omega$ 

#### A Jamin & Darlot Petzval Brass Lens,

serial no. 25,951, body, G, elements, VG, complete with flange, lens hood and cap

£300 - £500

## Motion Picture











322.Ω

#### A Williamson Kinematographic 35mm Cine Camera,

1908, serial no. 142, with Carl Zeiss Jena Tessar f/3.5 50mm lens, bass, serial no. 178578, body, VG-E, mechanism working, lens, G-VG, some internal haze, complete with four magazines

£800 - £1,200

#### 323.Ω

#### A J. Debrie Parvo 35mm Hand Crank Cine Camera,

1908, serial no. 620, with Optis Anastigmat f/3.5 50mm lens, body, F-G, crank mechanism working, lens, F-G, some haze, complete with two film magazines

£400 - £600





An Ernemann Kino C II Motion Picture Camera,

1916, serial no. 906400, with f/3.5 lens, body, VG, mechanism working, slight knock to counter knob, lens, VG, in maker's case

£600 - £800



 $325.\Omega$ 

A Newman Sinclair Auto Kine Model E 35mm Cine Camera, aluminium, serial no. 451, body, F-G, complete with additional magazine, in maker's fitted case

**Note:** Possibly ex-MOD as body has removal of engraving Provenance: Ex-Christie's lot 373, 15th November 2005

£400 - £600



326.

#### An Arri Arriflex 16mm Cine Camera,

black, serial no. 9567, with four lenses including Schneider Arriflex-Cinegon f/1.8 10mm, Arriflex-Cine-Xenon f/2 16mm, Arriflex-Cine-Xenon f/2 50mm and Arriflex-Cine-Xenon f/2 50mm lenses, body, VG, lenses overall, G-VG, some light internal haze, complete with two additional Angenieux zoom lenses, two tripods, one 'baby legs' and one standard, Miller fluid head, 400ft magazine, matte box with filter and other various accessories, camera all in fitted cases

£1,500 - £2,000



327.Ω **An Arri Arriflex Blimp,** 1960-, for use with Arriflex 16 cameras

**Note:** Allowed silent movie camera operation for synchronous sound recording without camera noise interference

£200 - £300



328.Ω

A Powers Cameragraph No.5 Hand Crank 35mm Projector, serial no. 6717, nickelled-metal fittings, with a brass-bound lens and hand-crank Provenance: Ex-Christie's lot 48, 6th May 2005

£200 - £300



329.Ω

A Warner Bros Pictures inc. Film Synchroniser, serial no. 127, for film editing, with four-digit counter, some damages to glass on counter

£200 - £300

330.

### A Large Original 1930's Marconi Television Advertising Banner,

English, c.1930's, made of printed Hessian with a canvas top to hold a rope and toggle, printed with the words 'MARCONI TELEVISION', would have been mounted outside a department store, condition suggests it was never used, 133cm x 192cm

£100 - £200

331.

#### A Linhof Report Tripod,

serial no. 52084, complete with Linhof head, uncommon

£100 - £150



# Binoculars





332.Ω

#### A Pair of Leitz Amplivid 6x24 Binoculars,

black, serial no. 589960, body, F-VG, deterioration and loss of vulvanite from one side, optics, VG-E, some very light internal haze, in maker's case and box

£200 - £300



333.

#### A Pair of Leitz Trinovid 8x20 BC Binoculars,

black, serial no. 1091842, body, E, optics, VG, some internal haze, with soft pouch and maker's boxes

£70 - £100



334.

#### A Pair of Leitz Trinovid 7x42B Binoculars,

black, serial no. 781997, body, E, optics, G-VG, some light internal haze/fungus, complete with service card and paperwork, in maker's case

£200 - £300

335.

#### A Pair of NPZ PNB-2 Observation Binoculars,

green, serial no. 10128, body, G-VG, optics, G-E, some light fungus to eye-pieces, complete with maker's tripod

Note: Illustrated on previous page.



336.

#### A Pair of Zeiss 10x40B Binoculars,

black, serial no. 194315, body, E, optics, G-VG, some light internal haze/fungus, in maker's case





337.

#### A Pair of Carl Zeiss 10x50 Binoculars,

black, serial no. 612798, body, E, optics, VG, some internal haze, in maker's case

£80 - £120



338

#### A Pair of Carl Zeiss 15x60 Binoculars,

black, serial no. 613491, body, E, optics, VG-E, some light internal haze, in maker's case

£200 - £300





#### A Victorian Table Top Stereo Viewer,

English, c.1880, signed to a plaque at the front 'MOGINIE 26 Lichfield Grove Finchley N.' with internal carousel for approximately 30 stereoviews, double folding door to the top one with a mirror, finished in fine French polished burr walnut veneer, 43cm tall

£200 - £400



340.

#### A Walter Tyler Mahogany & Brass Magic Lantern,

with original meth burner, complete in maker's fitted box with trade label to inside of lid

£200 - £300



341.

# A Stereoscopic Daguerreotype, The Renaissance Court at the Great Exhibition,

c.1854, depicting the interior of the court, taken after the move to Sydenham Hill, original tapes and backing,  $17.4cm \times 8.6cm$ 

£500 - £800



342.

#### A Stereoscopic Daguerreotype,

c.1855, depicting a statue or ceramic model of a woman by a fountain, possily an exhibit at the Geat Exhibition of 1851 after it moved to Sydenham Hill, gilt decoration framing the images, pencil inscrition verso, original tapes and backing,17.4cm x 8.6cm

£200 - £300



343

#### Italy Through the Stereoscope, Stereo Card Set,

American, c.1903, with cards stamped Underwood & Underwood Publisher New York, London, Toronto-Canada, Ottawa, Kansas' cards numbered 1 - 100\* with book detailing each slide and fold out maps of Italy, in faux three book case

Note: \*Missing cards 4, 5, 36, 40,46,54,92 & 93

£200 - £400

344.

#### An Erotic Autochrome Stereoview,

c.1920, colour glass plate images of nude with auburn hair seated on the floor, rear view, 12.9cm  $\times$  6.8cm

£200 - £300



345.

#### An Erotic Autochrome Stereoview,

c.1920, colour glass plate images of semi-reclining nude with auburn hair, seated on the floor, front view, 12.9cm x 6.8cm overall

£200 - £300



#### 346.

#### An Erotic Autochrome Stereoview,

c.1920, colour glass plate images of semi-nude woman with auburn hair, red undergarment and emerald green sash, view 12.9cm x 6.8cm

£200 - £300



#### 347.

#### An Erotic Autochrome Stereoview,

c.1920, colour stereo glass plate images of seated nude with headband, the images on two separate plates,  $12.9 \, \text{cm} \times 6.8 \, \text{cm}$ 

£300 - £500





#### Set of Children's Handpainted Magic Lanten slides,

English, c.1860, slides showing cartoon characters, tiger & Tub, cartoon military figures, and others all in mahogany frames, in a pine case, 11 slides, case length 37cm

£80 - £120



349.

#### A Set of Magic Lantern Slides,

English, c.1860, slides showing animals from around the world with inked Latin and English names, all in mahogany frames, in a pine case, 11 slides, case length 37cm

**Note:** Case has an old Christie's label for November 1977, lot 558

£80 - £120



350.

# Magic lantern Slides Showing the Construction of The Picadilly Line,

English, c.1930, slides showing the construction of the London Underground Picadilly line extension in 1930, images of the construction site, engineers cranes, steam engines, in original pine case

£80 - £120





#### Photographs of Victorian Chemists,

a pair of fine albumen prints of chemists Henry Medlock and Edward Beanes, and sugar refiner Conrad Finzel, both dated 1865, each mounted on original album page with names and dates below, each 20cm x 15cm, biographical notes for all three are included in this lot.

**Note:** Henry Medlock FCS (1825-1875) was in 1851 Senior Assistant at the Royal Colledge of Chemistry, By 1859 he had his own laboratory in Great Marlborough St. He was described in censuses as 'Analytical Chemist'.

£80 - £120



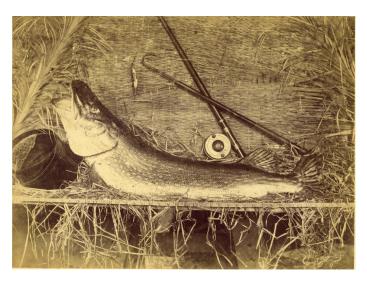
#### 352.

#### 25 Photographs of India, c.1900,

large gelatin silver prints, five by R C Mazumdar of Benares, others all professional, some with title in negative, some with pencil annotations verso, views include the Ganges, Lucknow, Jaipur, Benares, Amritsar, 19 mounted in modern album but can easily be removed, all approx. 21cm x 29cm

£60 - £80





#### 353.

#### A Study of a Pike,

albumen print, c.1880, image 15.5cm x 20.8cm, on original card mount 30.5cm x 38cm

354.

# FRANK MASON GOOD (1839-1928) Charles Kingsley at Eversley,

albumen print, c.1860-1865, 19.3cm x 27.8cm, in modern cream mount  $50 \, \mathrm{cm} \times 40 \, \mathrm{cm}$ 

£60 - £80



#### 355.

# A Photograph of Young Women in Middle Eastern Dress, large albumen print, 19th century, women in traditional Syrian, Armenian and North African (?) dress, image 22cm x 28.3cm, in grey card mount 35cm x 41cm

£60 - £80

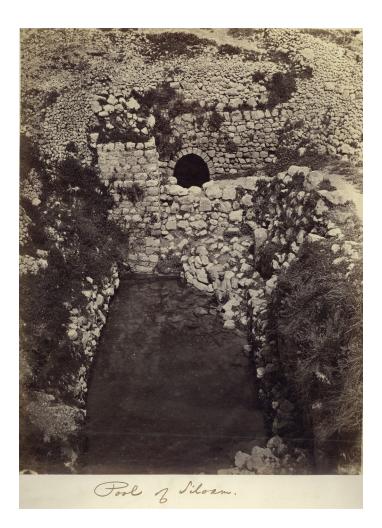




356.

An Impressive Carbon Print Photograph on Wood,

Dutch school, a young woman in traditional costume, c.1900, 43cm x 27cm



357. **FRANCIS FRITH (1822-1898), The Pool of Siloam,** large albumen print, c.1860, image 31.5cm x 24.5cm, mounted on original card 43cm x 35.5cm

£200 - £300



358.

#### Java, The Enormous Crocodile,

Two glossy gelatin silver prints, c.1900, Javanese people and Dutch colonial administrators with a very large crocodile, each photograph  $15.3 \text{cm} \times 20.5 \text{cm}$ 

£80 - £120



359.

## HILL & ADAMSON, James Fairburn D.D. with Newhaven Fishwives,

carbon print by Thomas Annan, 1890, from an original 1846 negative by David Octavius Hill (1802 - 1870) and Robert Adamson (1821 - 1848), image 14.2cm x 20cm, in new card mount 40cm x 50cm

£80 - £120

#### Three Chinese Cartes de Visite,

c.1865, one stamped verso ' Hing Qua John & Co. Photographic Artists 84 Praya, Hong Kong, each approx. 10cm x 6cm

£100 - £150

361.

#### Alfred Burton (1834-1914)(att.) Fijian Men,

albumen print, c.1884, titled in the negative and recto on thin card mount, image  $19.8 \mathrm{cm} \times 14.5 \mathrm{cm}$ 

**Note:** Alfred Burton made a trip to the Pacific Islands in 1884 creating staged photographs of people and villages.

£100 - £150

362.

#### Photograph of a Samoan Girl,

albumen print, circa 1880, mounted on original album page, image  $18.8 \, \mathrm{cm} \times 14.5 \, \mathrm{cm}$ 









363. **A Photograph of a Solomon Islands Woman,** albumen print, c.1880, illustrating food preparation, 20cm x 14.5cm, unmounted

£100 - £150



364. **CHARLES THOMAS SCOWEN (1852-1948) A Kandian Chief,** a large albumen print c.1880, the photograph signed in the negative 'Scowen' and Scowen & Co Ltd, Ceylon, image 26cm x 21.5cm, mounted on card

£80 - £120



365.

# LEON CREMIERE (1831-1913) Photograph of a French Bull Dog,

albumen print, c.1870, mounted on original card with photographer's details printed below, 'L Crémière, Phot. de la Maison de l' Empereur, 28 rue de Laval, Paris', image 10cm x 14cm

£60 - £80

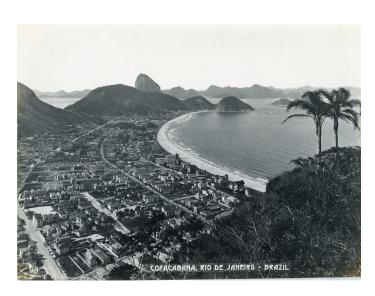


366.

# WILLIAM RAUSCH (1862-1900) Photograph of a Matabele Warrior,

vintage brown-toned gelatin silver print, c.1895, unsigned but numbered 130 in the negative, mounted on card, image 20.5cm  $\times$  15cm

£80 - £120



367.

#### An Early Photographs of Brazil,

a group of five vintage gelatin silver prints of Rio De Janeiro, c.1910, by a professional photographer, each numbered and titled in the negative, each  $16.3 \, \text{cm} \times 22.2 \, \text{cm}$ 

£100 - £150



348

### JEAN LAURENT (1816-1886) View of the Basque Port of

a large albumen print of the port with sailing and steam ships, c.1875, titled, numbered and signed in the negative 'Pasajes 1532 Vista general del puerto, J Laurent, Madrid' image 24cm x 34.4cm, mounted on original card

£80 - £120



# 20th Century Photographs







369.

#### A Photograph of a Balinese Woman c. 1920,

purple-toned gelatin silver print, titled 'Balinische Schoone' below and numbered 10 in the negative, image 22cm x 14.5cm, mounted on original album leaf

£80 - £120

370.

# DUDLEY GLANFIELD (1904-1992), Eight Actor Portraits of the 1920's,

Anna May Wong, vintage bromide print c.1929 (Note: the halfplate glass negative to this photograph dated 25 April 1929 is held in the National Portrait Gallery collection); Jean Forbes-Robertson as Tessa in 'The Constant Nymph', vintage bromide print, c.1928; Nora Swinburne, vintage bromide print, c.1928, taken November 1928; Irene Russell c.1928 (Note: three halfplate glass negative of Irene Russell by Dudley Glanfield dated October 1928 are held in the National Portrait Gallery collection, probably including this image); Malcolm Keen, vintage bromide print c.1928 (Note: the half-plate glass negative to this photograph in held in the National Portrait Gallery collection); Hugh Wakefield, vintage bromide print c.1928 (Note: the halfplate glass negative to this photograph in held in the National Portrait Gallery collection); Francis Lister vintage bromide print c.1928-30; George Vollaire, vintage bromide print c.1928-30; all images approximately 21.5cm x 15.5cm, all photographs in good condition, some original mounts marked, soiled or slight damage.

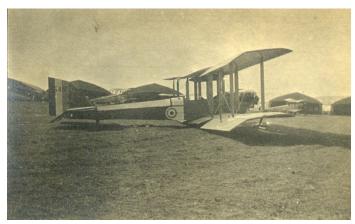
£120 - £180



371.

#### DUDLEY GLANFIELD0 (1904-1992) Ten Society Portraits,

nine bromide prints c.1928-1932 all signed recto on mount, subjects include Col The Rt Hon Wilfred Ashley MP, with a photograph by Glanfield of a young boy, overpainted in colour (original process hard to discern) and an anonymous silver gelatin print, autographed by Keith Miller, Australian cricketer, c. 1940's sizes approx 21cm x 16, photographs in good condition, condition of original mounts vary (11)





372.

#### A Collection of Photographs of WWI Royal Flying Corps Aircraft,

a unique collection of vintage matt gelatin silver prints of aircraft in 1917 and 1918, taken by rigger Alex Andrew Sanders with a Vest Pocket Autographic Kodak, each contact print is 4.2cm x 6.4cm. Sanders provided details of each photograph and these were recorded by his son.

**Note:** In the order presented online they are as follows - 1. Airco De Havilland DH6, 2 seat trainer with 90h.p. engine. This appears to be a training unit with Auro 504's and canvas Besenault type hangers in the background; 2. Airco de Havilland DH6, 13 Squadron (training squadron) Yatesbury; 3. Sopwith F1 Camel (B6223) single seat scout, 28 Squadron Yatesbury; 4. Royal Aircraft Factory FE2d with Rolls Royce Eagle engine, a 2 seater fighter and reconnaissance; 5. De Havilland DH5 single seat fighting scout; 6. 'Very posh' line hut; 7. Bristol Scout (A1783), single-seat scout with 80h.p. engine; 8. De Havilland DH5 single-seat fighter scout (note the stagger wing); 9. a Bristol Scout and two DH6's, possibly Salisbury Plain; 10. Bristol F2B fighter (1106) 2 seater fighter/reconn; 11. Henry Farman F20 2 or 3 seater biplane with 80h.p. engine; 12. Avro 504 with Sopwith Camel in background; 13. crash (aircraft not identified); 14. Royal Aircraft Factory BE2c (Farnborough) 2 seater or single-seat bomber; 15. Sopwith F1 Camel fitted with 130hp Clerget engine; 16. Royal Aircraft Factory FE2D, probably Salisbury Plain; 17. Sopwith Pup B5253 single-seat fighting scout; 18. An Avro 504 has crashed into a DH5 Probably Salisbury Plain; 19. Royal Aircraft Factory RE8 140h.p. RAF4a engine 2-seater; 20. De Haviland 2-seater bomber; 21. Another crash. Identifying notes are included in this lot.

£150 - £250



373.

#### LEHNERT & LANDROCK, Two Girls of Tunis,

large Orientalist photogravure, c.1910, signed and numbered, unmounted, image 23cm x 28.8cm

£60 - £80



# RANDOLPH BEZZANT HOLMES (1888-1973) Three Views of India,

toned gelatin silver prints c. 1920-1935, titled and signed in the negative 'The George Alt Masjid' (Kyber Pass), 'Taj Mahal Agra from the River', 'The Northern Gate of India looking into Afganistan', the latter mounted on board, the other two unmounted with wetstamp verso, each approx. 24cm x 29cm

£60 - £80







377.

PAUL TANQUERAY (1905-1991) Woman with Hat, vintage gelatin silver print, c.1950, from a fashion shoot, image 19.5cm x 24cm, signed in pencil verso, with a sheet of biographical notes

£60 - £80

375.

#### GUIDO REY (1861-1935), A Flemish Interior,

photogravure on Japanese tissue paper, from Camera Work 24, 1908, image 21.3cm x 15.5cm, tissue 28.6cm x 20cm, Note: In the early 1900's Rey made composite images based on Old Master painters, particularly in the Dutch School style of Pieter de Hooch and Jan Vermeer. After Rey made a business trip to the United States, Alfred Stieglitz published his photographs in Camera Work in 1908.

£60 - £80



# ARNOLD CLAYTON HENDERSON (American, 1938-) Nude in Strange Space,

1967, vintage gelatin silver print, image 30.5cm x 24.5cm, sheet 35.5cm x 27.5cm, signed and dated verso

**Note:** this image appears in Arthur Goldsmith's History of the Nude in Photography, the opening photograph of the contemporary section. It also appears in Henderson's own book Nudes, Metanudes, and Real People, 2015.

£80 - £120



#### JAN SAUDEK (1935-) Nude with Clown's Face,

vintage gelatin silver print of female nude with clown's face, c.1980, numbered 321 verso, image 17.5cm sq, sheet 18cm x 24cm.

**Note:** Taken in Saudek's basement studio, it is typical of his work in this period, a square format image, printing the whole negative

£120 - £180



379.

#### An Album of Images of China, c.1930,

33 snapshot images of everyday life in China, gelatin silver prints typically 6.5cm x 10.5cm, mounted one per page in album, titled verso and in album, subjects include schoolgirls, houses 'coolies' male and female, sampan and junks, rice workers, burial pots, a Chinese coffin, Shanghai suspension bridge, road sweepers, soldiers in trenches, album 29cm x 19.5cm

£100 - £150



380.

#### A Good Album of Pictorialist Images,

English, c. 1900-1920 gelatin silver prints with two platinum prints (swans) and a carbon print (man and dog in the sea) images typically approx. 25cm x 20cm and some smaller (30), photographs in good condition, album worn with much of spine missing, photographs typically soft focus, matt, printed on heavy paper, some textured, final few on thinner paper with stamp verso indicating submission for publication

£200 - £300



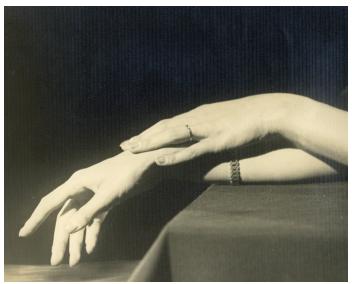


# OTTO BECKER & HEINRICK MAASS (working 1893-1938) and others, Flowers,

a collection of vintage modernist gelatin silver prints of flowers, German & Austrian, 1930's and possibly later, the first four photographs with labels/wetstamp verso, image with Becker & Maass stamp 22.8cm x 17cm, others approx. 21cm x 17cm

£60 - £80





383.

£60 - £80

# Interior of Coal Mine Photographed by Electic Light, vintage brown toned silver gelatin print, c.1900-1910, label recto 'United States National Museum, Metallurgical Department, label verso 'Interior of Coal Mine Photographed by Electic Light, Kohinoor Colliery, Shenandoah, Schuylkill Co., PA, image 19.4cm x 24cm, on original card mount, further mounted

£200 - £300

modern card mount 46cm x 37cm



Russian WWII War Photographers, 40 Photographs,

gelatin silver prints, all printed in Kiev c.1950, photographers remained anonymous in publication, but likely to include GEORIY SAMSONOV, YEVGEN KHALDI, MARK REDKIN, DMITRI BALDERMANTS, GEORGIA UGRINOVICH, one photograph of sniper Liza Mironova (1924-1943), 17 photographs of Soviet Air Force Pilots (3 duplicates), 22 others all WWII, recording fall of Berlin 1945, capture of German troops etc., all but one 18cm x 12.8cm, with Soviet wetstamps verso

£80 - £120



385.

#### GUY BORREMANS (1934-2012), Nude,

large gelatin silver print c.1970, signed in pencil verso, image  $23.5 \text{cm} \times 34.5 \text{cm}$ , sheet  $28 \text{cm} \times 35.3 \text{cm}$ 

£80 - £120



#### JAMES NEWBERRY, Nude,

vintage large gelatin silver print by this Chicago photographer, c.1970, signed in ink verso, image  $30 \, \mathrm{cm} \times 20 \, \mathrm{cm}$ , sheet  $33 \, \mathrm{cm} \times 20 \, \mathrm{cm}$ 

£80 - £120







# The Isenthal Archive

lots 387 - 398



Lots 387 to 398 form part of a collection recently discovered in the estate of Adolf Isenthal. Letters from this collection have not been previously published.

Adolf Isenthal, was an electrical engineer who immigrated to Britain in 1889 from Mosel, Germany. He was an early supplier of X-ray equipment and in 1898 along with and Charles Potzler set up 'Isenthal, Potzler & Co.' at 85 Mortimer Street, London, the company was often advertised as 'The Central Depot for Radiographers'.

Isenthal was a pioneer of early X-ray equipment the show room of his office can be seen in lot 397. He also supplied radium which introduced him to Lord Rutherford, Professor Rontgen, Peter Curie and many other famous scientists of the day. He was a early member of the British Institute of Radiology who in 1954 made him an Honorary Member. His company also supplied other types of electrical equipment, this brought him into contact with other famous engineers including Guglielmo Marconi who bought equipment from him, and John Logie Baird amongst others.

Isenthal was also a member of the Royal Aeronautical Society, the institute of electrical engineers, the Physical Society, the Royal Institution and a Fellow of the Royal Photographic Society.

On April 1st 1936 he founded the firm I. A. C. Ltd (Isenthal Automatic Controls) who manufactured mercury switches. He died on the very eve of the companies twenty-first anniversary on March 31st aged 90 after a long illness.

387.

# Important Document from Ernest Rutherford Concerning the Procurement of Radium,

1903 Rutherford, Ernest, OM, FRS, Hon FRSE (Born 30 August 1871 – Died 19 October 1937), New Zealand physicist who came to be known as the father of nuclear physics, autographed document signed E Rutherford, being a request to Alfred Isenthal for the purchase of radium, dated Sept 11, 1903, 2pp single-sided folded quarto (26cm x 20.3cm), on headed paper 'British Association for the Advancement of Science, SOUTHPORT MEETING, SEPT, 9th to 16th 1903, RECEPTION ROOM, SOUTHPORT', leaf creased, small tear (5.2cm) to left centre, light foxing, loose.

#### The Text Reads:

Dear Mr Isenthal. Can you furnish me any pure radium in the future? If you can get any pure radium at present I would like £25 worth but I would like the (?) that its activity is about the same as tha bought from you which = first class stuff. I have seen same (?) the pure radium that is about 1/10 activity of your sample.

If you have any spare please forward it me in Montreal as soon as you can.

Address Physics Bdg

McGill University

Montreal.

when the account will be immediately settled. I am off to Montreal tomorrow so address reply (+ radium I hope also) to my Montreal address.

Yours Sincerely

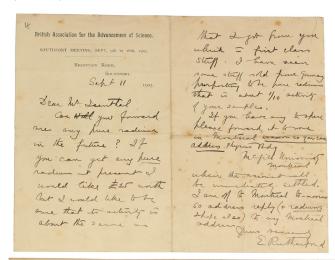
E Rutherford

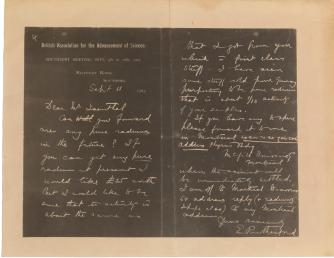
The letter also comes with an early period carbon copy, presumably an office filing copy.

What is particularly interesting about this letter is at that it is

dated 1903 which was the year Rutherford was investigating a type of radiation discovered (but not named) by the French Chemist Paul Villard, as an emission from radium. Rutherford realised that this observation represented something different from alph and beta rays due to its much greater ability to penetrate. Rutherford named this third type of radiation Gamma Ray. All three of of Rutherford's terms are in standard use today – although other types of radioactive decay have been discovered since Rutherford's three types are among the most common.

£1,500 - £2,500







# Important Document from Peter Curie Concerning the Purchase of Radium Bromide,

1903 Currie, (Pierre, b.15 May 1859 – d.19 April 1906) was a French physicist, a pioneer in crystallography, magnetism, piezoelectricity, and radioactivity. In 1903, he received, along with his wife, Marie Curie and Henri Becquerel, the Nobel Prize in Physics, "in recognition of the extraordinary services they have rendered by their joint researches on the radiation phenomena discovered by Professor Henri Becquerel", autographed post card from 'Faculte Des Sciences De Paris' dated 20 July 1903, letter reads "Monsieur, vous pouvez vous adresser pour l'achat du bromure De Radium a la Société Centrale des Produits Chimiques, 44 Rue Des Ecole, a Paris, agréez, mes salutations, P Curie Sir, you can contact for the purchase of Radium bromide at the Société Centrale des Produits Chimiques, 44 Rue Des Ecole, a Paris, Salutations, P Curie" The card is 14cm x 10.5cm

£600 - £800



389.

# Marconi, Guglielmo Giovanni Maria Guglielmo Giovanni Maria Marconi,

1st Marquis of Marconi FRSA (25 April 1874 – 20 July 1937) was an Italian inventor and electrical engineer, known for his pioneering work on long-distance radio transmission, development of Marconi's law, and a radio telegraph system, autographed letter on headed paper dated 19th January 1906 to Isental & Co, 85 Mortimer Street, "Dear Sirs, Confirming my conversation with you, I herewith send you formal order for one Mercury Jet Interrupter similar to the one you showed me, the said interrupter to be worked by means of a motor on a 16 to 24 volt circuit. I trust you will be able to deliver by next Monday as promised, Yours faithfully G. Marconi "the letter is 25cm x 20cm, small tear to the central fold, with watermark for 'John Dickinson & Co, Superfine'

£600 - £800



390.

## Letter Concerning Scientific Equipment From J. J. Thompson,

Thomson (Sir Joseph John (b.18 December 1856 – d.30 August 1940) was a British physicist and Nobel Laureate in Physics, he is credited with the discovery of the electron, the first subatomic particle ever discovered, autograph card dated May 23 1905 "Dear Sir, I shall be glad to see your high potential apparatus if it would be convenient for me to do so on Saturday morning between 10:30 + 11. if this time is not convenient would you [?] a time with Royal[?], Yours J.J. Thompson" card 11.4 cm x 8.9cm.

£300 - £500



391.

#### BAIRD JOHN LOGIE: (1888-1946) Scottish Engineer,

Baird, (John Logie b.1888-d.1946) was a Scottish inventor, electrical engineer, and innovator who demonstrated his working television system on 26 January 1926, he went on to invent the first publicly demonstrated colour television system, and the first viable purely electronic colour television picture tube, autograph letter on company headed paper to Adolf Isenthal, dated 19th April 1927 "Dear Mr Isenthal, Many thanks for your letter. I would like very much to see you with reference to the German Agency. Would it be convenient for you to come and have lunch with me next Tuesday when we would have an opportunity to discuss this, yours very truly John L Baird letter 20.5cm x 26cm, small edge tear to centre fold.

**Note:** In 1929 the German post office gave Baird facilities to test his mechanical television system, perhaps that is the 'German Agency' which is the subject of the letter

£300 - £500

## Bragg, Sir William Henry, Autograph Letter Concerning Wilhelm Röntgen,

Bragg, (Sir William Henry OM KBE PRS b.2 July 1862 – d.12 March 1942) was an English physicist, chemist, mathematician, and active sportsman who uniquely shared a Nobel Prize with his son Lawrence Bragg – the 1915 Nobel Prize in Physics: "for their services in the analysis of crystal structure by means of X-rays", The mineral 'Braggite, is named after him and his son, he was knighted in 1920, autograph letter on headed paper from the Davy Faraday Research Laboratory, the royal institution, 21 Albemarle Street, London, dated 13th February 1929, giving an apology over a story about Wilhelm Röntgen "Dear Mr Isental, Thank you very much for your letter and its information. I have been in bed for the last two or three days with a heavy cold or I would have answered you before. I am sure that Sir Arthur Schuster when he told me his little story about Rontgen did not mean to imply that Rontgen had been rude only that Rontgen seemed to think he had been. If I gave any other impression I am very sorry. Yours Sincerely W. H. Bragg

Doar Mr Isonthal,

Thank you very much for your letter and its information. I have been in bed for the last two or three days with a heavy cold or I would have answered you before.

I am sure that Sir Arthur Sonnator when he told me his little storey about Rontgen did not mean to imply that Rontgen had been rule only that Rontgen seemed to think he had been. If I gave any other impression, I am very serry.

Yours sincerely.

A.V. Isonthal Esq.,

Dacon Borks,

Victoria Road,

H. Aston. W. S.

£200 - £400

393.

#### An Archive of Letters Concerning the Immigration of a Jewish Family in 1939,

a fascinating archive of letters concerning the Immigration of a Jewish family in 1939, with the help of Adolf Isental, from Nazi Germany. The lot consists of letters from the German Jewish Aid Committee Immigration Department to Adolf Isental and detail how the immigration progresses at each step. The final letter says that the application to the British home office has been made, interestingly an image in the archive shows Adolf Isental with his wife and two unknown people. As this was included in the archive it may show Dr Richard Reich and his wife Koblenz







394.

#### Huggins, Sir William, Autographed Letters,

Sir William Huggins OM KCB PRS (b.7 February 1824 – d.12 May 1910) was an English astronomer best known for his pioneering work in astronomical spectroscopy together with his wife Margaret Lindsay Huggins, two autographed letters on headed paper dated 16 January, 1903, the typed letter discusses the use of induction coils and a vacuum tube, the second letter is on headed paper dated 13 Sept 1903 and is hand written, it discusses the purchase of radium and a meeting Huggins had with Professor Rutherford concerning inferior radium. the first letter is one sided and measures is 11cm x 18cm, the second letter is four sided each side measuring 11cm x 18cm, with watermark for 'Genuine Velum Wove'

£100 - £200



#### A Collection of Letters from Prominent 19th Century Electrical Engineers,

including a letter from Sir Oliver Lodge dated 6 .2.95; letters from Silvanus Phillips Thompson FRS (19 June 1851 – 12 June 1916), Thompson was a professor of physics at the City and Guilds Technical College in Finsbury, England, he was elected to the Royal Society in 1891 and was known for his work as an electrical engineer and as an author; a letter from William Edward Ayrton, FRS (b.14 September 1847 – d.8 November 1908) was an English physicist and electrical engineer; two letters from Sir Francis Fox (b.29 June 1844 – d.7 January 1927), Fox was an English civil engineer, who was responsible for the bridges over the Victoria Falls of the Zambesi and Sydney Harbour, the Mersey Railway Tunnel and the Liverpool Overhead Railway, and extending the London Underground. He was awarded a Knighthood by the King on 25 July 1912. and others, a lot

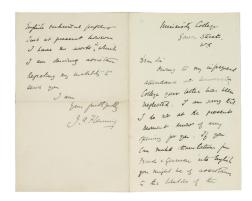
£200 - £400



396.

# Fleming, Sir John Ambrose, Letter Concerning an Honorary Membership,

Fleming (Sir John Ambrose FRS b.29 November 1849 – d.18 April 1945) was an English electrical engineer and physicist who invented the first thermionic valve or vacuum tube, designed the radio transmitter with which the first transatlantic radio transmission was made, and also established the right-hand rule used in physics, 2 autograph letters the first dated 8th of December 1954 on headed paper from the British Institute of Radiology & Rontgen Society,"", the second undated concerning a possible position





#### A Collection of Photographs From Isenthal, Potzler & Co,

three early gelatin silver photographs from the firm of Isenthal, Potzler & Co, the first image is of the showroom at Isenthal, Potzler & Co.' at 85 Mortimer Street, London, the company was often advertised as 'The Central Depot for Radiographers', it shows an impressive display of early X-ray equipment with various induction coils, control equipment and X-ray tubes, image 21cm x 16cm, framed; the second image is of the staff at, presumably at the workshops of Isenthal, Potzler & Co, Adolf Isental is in the centre flanked by two women, image 20cm x 15cm framed, The final image shows a younger Adolph with his family, image 20cm x 15cm framed, (3)

£100 - £200

398.

#### An Archive of Items Related to Adolph Isenthal's Companies,

consisting of various documents, photographs of trade fairs, adverts in trade publications, a certificate of exhibiting for the British-German Exhibition in 1891 along with the original Folio book detailing all of the exhibitors, a layout of Park Royal with the location of Isentals new buildings shown (a lot)



British Association for the Advancement of Science.

SOUTHPORT MEETING, SEPT. 9th to 16th, 1903.

RECEPTION ROOM,

SOUTHPORT.

Sept 11 1903

Dear het Doenthal. Can Will you forward me any fure radium in the future? It you can get any hure radium at present und like £25 unth but I until like to be sure that to activity is about the same as

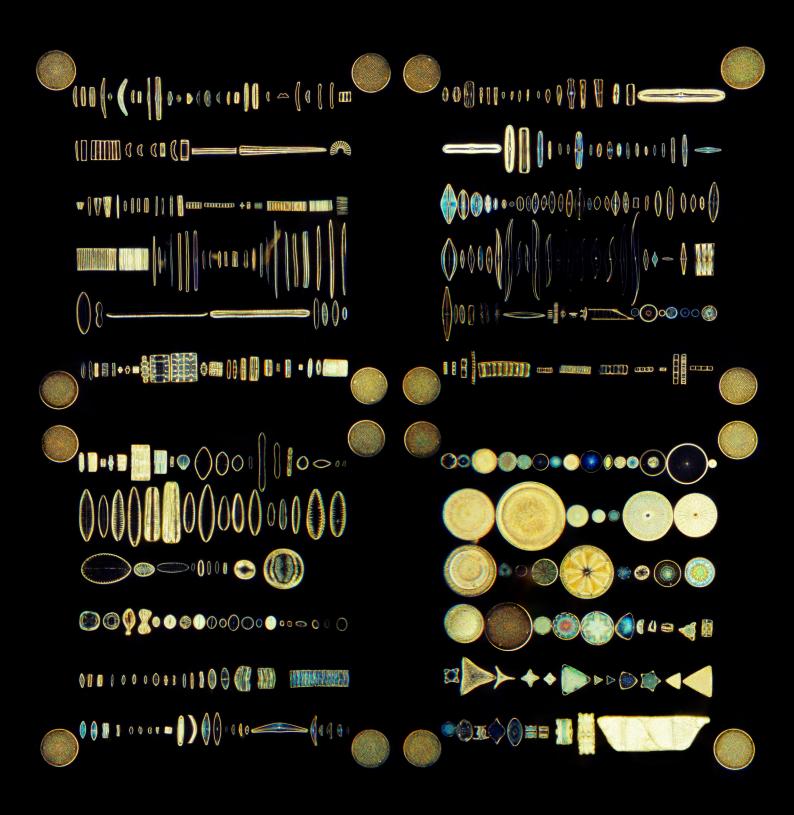
Mat Light from you which = first class Stuff. I have seen some still sold from germany prosperting the have radium That is about 1/10 activity 1 yme samples. It you have any to spare blease frank it have in montreal as som es you can addres Physics Bdg

Might University

montreal when the accommodel be unmediately celtled. Lam of to marked bomona So address reply (+ radiums Shope also) to my montreal address From servery ERutherford

# Microscopes & Slides

lots 399 - 433



# Exceptional Single Owner Collection of Victorian & Later Microscope Slides,

The collection offered here has been carefully curated by a collector over the past 20 years. The collection represents some of the finest examples of microscope slides by a range of professional slide mounters. The cabinet offers an incredible range of specimens from the geology that makes up our planet to the animals and plants that inhabit it all testament to the fine art and skill of the mounter. Also included are some impressive exhibition slides, perhaps of least scientific interest but they demonstrate the both the skill and ingenuity of the Victorian mounters of the day, as well as a drawer of microphotographs, miniaturised images which were the wonder of the period.

The contents of this cabinet have been specially selected as the finest example of their type for condition, presentation, and rarity. Many of the slides in this cabinet are exceptionally rare and some unique.

The Cabinet: English, c.1880, signed to an inlaid plaque at the base of the cabinet 'R & J Beck, 31 Cornhill, London', constructed of French polished mahogany with brass drop handles to the sides, glazed door opens to reveal 29 numbered drawers each labelled with the relevant contents, each drawer can hold 36 standard slides giving a total capacity of 1008.

£40,000 - £60,000





#### The Contents

#### Drawer 1 - Exhibition Slides

These slides represent the mounters skill in this intricate art. Many are of little scientific interest but demonstrate the skill and ingenuity of the Victorian Mounter in a day before the luxury of electric light and modern mounting methods.

Slides of particular interest include: diamond engraving by R.J.Farrants; The Lord's Prayer written within a 1/2000th of a square inch signed and dated 1854; diamond engraving by William Webb – Epigram; arranged Butterfly scale picture, constructed from the individual scales of the wings of Butterflies, retailed by Watson & Son -pre-1882; arranged butterfly scale Picture, constructed from the individual scales of the wings of butterflies; 100 species of diatoms, arranged by John Albert Long. C.1900; special group of 81 sponge spicules by Richard Suter.

#### Drawer 2 - Uncovered Petrology Slides

All produced by John Norman and other members of his enterprising family. Diverse range of specimens from worldwide locations including semi-precious material and Fossils. Dating from 1860-1890. Some with retailers' labels attached.

Slides of particular interest include: limestone from Niagara; section of Cleopatra's needle; fossil tooth of shark; fossil wood from Lough Neigh; sunstone from Norway.

#### Drawer 3 - Petrology

Paper labelled slides by Edmund Wheeler, Pre-1884 (when he sold his business to W.Watson), specimens from Worldwide locations including specific monuments and buildings.

Slides of particular interest include: granite from Grinsel pass, Switzerland; Nummulitic Limestone from the foundations of the Great Pyramid; Syenite from Cleopatra's Obelisk; pre-historic lava from Mount Somma, Naples; fossil Coral; blue Malachite from Australia; white coal from Australia; basaltiform Limestone from the Himalayas; lava from Mount Vesuvius Eruption.

#### Drawer 4 - Arachnids

An impressive display of spiders by various mounters including many by Frederick Enock, famed for his insect slides.

Slides of particular interest include: Australian Spiny Spider; Water Spider; House Spider; Garden Spider; Wolf Spider; Tree Spider.

#### Drawer 5 - Human Pathology

Slides of various human diseases, some of historical importance as they were common in Victorian times or have since become eradicated in the west, with some very interesting title descriptions.

Slides of particular interest include: Cirrhosis of liver from a Gin Drinker; Anthracosis Lung; section of colliers lung showing carbon deposits; Ear of leper; Drunkards Liver; Lung of a Sheffield Grinder; Diseased Human Lung from a Chimney sweeper; Syphilitic Testes; Human Liver, Typhoid fever; Coal Miners anthracnosis.

#### Drawer 6 - Human Histology

A good range of histology slides including fine embryo sections and a group of corroded/Injected preparations produced by Charles Morgan Topping.

Slides of particular interest include: Embryo Foot; Embryo Hand; Cerebellum; Bone; Lung; Tongue; Toe; Skin; Stomach; Heart; Eye; Scalp.

#### Drawer 7 - Bones & Teeth

A broad selection of bones and teeth from some uncommon species, many produced by Smith, Beck & Beck around 1860. Slides of particular interest include: Tobacco-Pipe Fish; Albatross; Pike Headed Gar Fish; Tortoise; Skate; Crocodile; Monkey; Saw Fish; Linn

#### Drawer 8 - Whole Insects

Subject of the microscope slide maker. This a collection of the very finest whole insects to include Male/ Female examples of the same species and some exotic species.

Mounters represented are; H.W.H.Darlaston, C.M.Topping, J.T.Norman, Edmund Wheeler, Clarke & Page, Ernest Hinton and W.Watson ( who would have bought in slides from many of the previous mentioned mounters).

#### Drawer 9 - Whole Insects

A second impressive drawerful of Whole Insect mounts.

Mounters represented are; J.T.Norman, Frederick Enock, Richard Suter, Arthur Cole and Henry Ebbage feature.

#### Drawer 10 - Insect Histology

A good range of Insect histology and dissections including a fine group of whole Insect heads by Clarke & Page, mounted in fluid filled cells. These date from around 1920. Others are Victorian in date

#### Drawer 11 - Insect Eggs

Eggs of Insects, Butterflies and Moths, and of Parasites of named species. All prepared by John Norman and/or members of his family. Many are mounted 'In situ', attached to the feathers of their hosts.

Slides of particular interest include: Parasites of Mallee bird; Demoiselle Crane; Golden Eye Duck; White crested Tiger Bittern; Ground Hornbill, Vulture; Burrowing Owl; Butterfly Eggs; Chalkhill Blue; Waved Umber; Brindle Beauty; Willow Beauty etc.

#### Drawer 12 - Mixed Histology (Mammal)

A rare group of oversized slides by Karl Thiersch - Karl Thiersch was an early pioneering German slide maker. These sections are of superb quality considering they were produced around 1850-1860. Thiersch supplied Smith & Beck with their early slides for sale in the

**Note:** Quekett Journal of Microscopy Issue 41. Winter 2012 for a comprehensive biography.





#### Drawer 13 - Insect Histology

A drawerful of slides by Frederick Enock dating to around 1870-1890, Enock is generally acknowledged as the finest mounter of insects.

Slides of particular interest include: Famous for his Fairy Fly preparations. There are 2 examples included here; Parasite of the Indian Flying Fox; Spiny-legged Fly; Ichneumon Fly; Oak-Apple Fly; Larva of Vapourer moth. Etc.

#### **Drawer 14 - Timber Sections**

Mostly double and triple sections by the Norman family with a few by Edmund Wheeler - triple wood sections are typically horizontal, transverse and radial, with several exotic species represented.

Slides of particular interest include: Norfolk Island Pine; Himalaya Cedar; Cedar of Lebanon; Honduran Mahogany; Laburnum; Gutta Purcha.

#### Drawer 15 - Fossils in Coal

Including some oversized sections by James Lomax and Norman. Others by J. Spencer of Halifax, James How, Edmund Wheeler and Charles Topping with some fine thin sections of Fossil plants and stems

#### Drawer 16 - Diatomaceae

All examples by W.Watson & Sons, offering a mixture of single species, small groups and strews, all mounted in Styrax.

#### Drawer 17 - Diatomaceae

All examples by William Firth, with single species, small groups and larger arrangements and circles from worldwide locations.

#### Drawer 18 - Microphotographs

36 microphotographs by 3 different mounters: John Benjamin dancer. (The inventor of this genre). John Stovin. Watson & Sons.

#### Drawer 19 - Chemical Crystals

A good and varied collection, selected for their excellent and dramatic viewing under polarised light, with slides by various mounters including 12 uncommon examples by J.B.Dancer.

#### Drawer 20 - Marine Zoology

Mounted by Clarke & Page, with fine examples nearly all fluid mounts of the highest quality and condition.

#### Drawer 21 - Parasites

By various makers. Some unusual species and hosts.

Slides of particular interest include: Parasite of Royal Tiger; Parasite of Stickleback; Parasite of Red Thighed Harrier; Mole's Flea (without eyes); Parasite of Tortoise; Parasite of Ariel Toucan.

#### Drawer 22 - Ocean Soundings

Slides of significant historical importance, mapping the depth of the oceans in a systematic fashion for the very first time, with many named and unnamed examples from the "H.M.S.Challenger" expedition and many other specimens, detailing the location and depth, probably from the same expedition, with examples from the ships "S.S.Albatross" and "H.M.S.Porcupine", Atlantic and Greek Cable dredging's, Atlantic Cable dated 1865 etc.

#### Drawer 23 - Butterfly Wings

Selected for their quality and condition, with many exotic species as well as specimens native to the UK and Europe.

#### Drawer 24 - Gold

Predominately gold nuggets and gold dust, with a large spread of Worldwide locations.

Slides of particular interest include sample from: British Colombia; California; South Africa; Guinea; Brazil; Cape Coast; Ural Mountains; Geelong; Mount Alexander; Abyssinia; West Africa; Vancouver's Island.

#### Drawer 25 - Botanical

Varied collection of Leaves, Stems, Petals, Roots, Ovaries and Pollen.

#### Drawer 26 - Miscellaneous

To include: 12 slides by Andrew Pritchard c.1850; Set of 12 slides by Arthur Cole: Snake histology transverse sections (from head to tail, including stomach contents); 12 slides by Watson & Sons. Sand grains from worldwide locations.

#### Drawer 27 - Miscellaneous

Including a set of 12 slides by Watson & Sons.

Slides of particular interest include: Linen Mummy Cloth from Ancient Thebes; Feathers of Humming Bird (arrangement); Fossil bone of Hippopotamus; Entire Mouse (longitudinal section); Whalebone; Mole Upper Jaw (entire).

#### Drawer 28 - Miscellaneous

The final drawer of superb slides, with many fine and uncommon slides.

Slides of particular interest include: Parasite of Passenger Pigeon (famously extinct); Decomposed Glass from Pompei; Multi Blood discs examples (Bird, Man, Fish, Snake, Frog); "Fairy Slippers" (mouth bones of Star Fish); Volcanic Dust from 1902 eruption. St. Vincent; Woven Horsehair; Arranged Polycystina; Elephant Hair.

#### **Drawer 29 - Slide Preparation Equipment**

This final drawer contains the necessary equipment for slide preparation to include: brass and mahogany ringing table by Flatters & Garnett; 'Ross of London' Improved reversible slide compressorium; Botterill's 'live' trough; a box of Flatters & Garnett spring Clips; diamond engraving tool; various boxes of cover slip glasses; rousselet type compressorium; tools, dishes etc.







#### A Smith & Beck Best No.1 Portable Binocular Microscope,

English, circa 1861\*, signed in script to the foot, Smith & Beck, 6 Coleman St London 2819' On large folding tripod base with circular boss holding two large turned brass supporting columns terminating on trunnions, large limb with triangular bar to the base with sliding collar to support plano-concave mirror on articulated arm, substage collar with rack and pinion focusing, large dovetail and screw to accept the mechanical stage with X-Y control via rack and screw, binocular body tubess with rack and pinion focus to back with fine focus to nosepiece, with Wenham prism in slide-out brass drawer, in part fitted flat mahogany case with the following accessories:

A pair of high-power eyepieces.

A pair of medium-power eyepieces.

A 1/4in objective in a can engraved 'R & J Beck, London'. A2/3in objective in a can engraved 'Smith & Beck, 6 Coleman St, London'.

A 1 1/2in objective in a can engraved 'Smith & Beck, 6 Coleman St, London'.

A Leiberkuhn & Cap.

A pair of large Forceps.

A stage bullseye (missing Support).

A Substage Polariser with Nicol prism.

Assembled microscope height 45cm

**Note:** \*There is no entry for number 2819 in the Smith & Beck Delivery books but others on the page are dated 1861.

£1,800 - £2,200



A Binocular Powell & Lealand No.3 Microscope,

English, dated 1879, signed to the top of the bar-limb 'Powell & Lealand, 170 Euston Road, London', of standard No.3 construction, standing on a lacquered tripod base with circular feet each with cork pads, trunnions to the top supporting the body, with large plano-concave mirror to the base as typically supported on one side on a sliding collar, above which is a mechanical substage with rack and pinion focusing and X-Y control, with a Turrel-type mechanical stage with X-Y control, main course focus to rear of body, bar-limb incorporating fine focus lever mechanism to the top, nose piece with prism engraved 'for low powers & opaque objects', the microscope comes with the following accessories in a fitted mahogany case:

A pair of low power binocular eyepieces.

A medium power eyepiece.

A high power eyepiece

The body of Substage condenser engraved Powell & lealand.

**Note:** There are no objectives with this microscope.

In the original mahogany cabinet, 43cm tal

£1,200 - £1,600



## An Early Achromatic Compound Brass Microscope,

English, c.1850, unsigned, standing on a heavy 'Y' shaped base with architectural-type turned pillar supporting main limb, with plano-concavve mirror in a gimbal, stage with wheel of stops and fine X control, course focus on triangular bar, with 4 pre RMS thread objectives in cans, height 39cm tall.

£100 - £200



403.

#### An Early Zeiss Brass Microscope,

German, c.1870, signed to the foot '4666.C. Zeiss. Jena, microscope on horseshoe-shaped base, simple stage with bight green lacquer to underside, small plano-concave mirror on articulated arm, stage with two clips, in French Polished mahogany case with two Zeiss objectives, case width 29cm

£200 - £300

404.

#### A Dunning's-Type Microscope Oil Lamp, By Swift,

English, c.1880, engraved to the brass oil bottle 'J Swift, 43 university St, London W.C. Registered, lamp on brass folding tripod base, adjustable column, brass chimney, in leather case, assembled height 32cm

Note: Glass window cracked

£100 - £200



405.

#### A Swift Microscope Oil Lamp,

English, c.1880, signed to the circular foot 'Swift & Son, London' and to the ceramic shade 'J Swift & Son, University Optical Works 81 Totenham Court Road, London W.C. Registered' with glass oil bottle, blue glass shade, metal glare guard, in polished pine case, lamp 30cm tall

£300 - £500

406.

#### Collection of Beck Microscope Catalogues 1904 - 1963,

Including a catalogue made up of four separate catalogues bound into one dated 1904 in pen, a catalogue dated 1939, a catalogue undated but later, and a price list and catalogue extract.



407.

#### Collection of Watson Microscope Catalogues,

Microscopes and Accessories 35th Edition, Parts 1 and 2 (1935/36); Microscopes and Accessories 35th Edition Part 1; Objects for the Microscope 36th Edition part 3; Microscopes and Accessories 36th Edition Parts 1 and 2; 2 copies of Microscopes and Accessories 38th Edition parts 1 and 2

#### A Drawer of 24 Microscopic Preparations by Abraham Ypelaar,

Dutch, c.1808, unsigned but attributed to Abraham Ypelaar, small polished mahogany drawer with 24 circular cells each with specimens, case 6.5cm wide

£800 - £1,200



409.

#### An Unusual Set of Large Brain Microscope Slides,

16 large ( $10 \, \mathrm{cm} \times 7.5 \, \mathrm{cm}$ ) brain sections in a French polished mahogany case, Inside the lid is a pen inscription which reads: The 16 sections were lent to me in 1912 by the late Sir Elliot Smith who was at that time Professor of anatomy at Manchester university. He valued these sections very highly and stresses that they will be permanently cared for in the future laboratory of the Mapperly Hospital 10 June 1938, case width 28cm.

Sir Grafton Elliot Smith, FRS(i) HFRSE FRCP (15 August 1871 - 1 January 1937) was an Australian-British anatomist and Egyptologist. He was an expert on brain anatomy and the first to study Egyptian mummies using radiological techniques. He took an interest in extinct humans and was embroiled in controversy over the authenticity of the Piltdown Man. Smith was the leading specialist on the evolution of the brain of his day(ii) Many of his ideas on the evolution of the primate brain still form the core of present teaching. It was his classic paper on the occipital region of the human brain which won him the Chair of Anatomy at Manchester University which he held from 1909 to 1919, he then held the chair of Anatomy at the University College London 1919–1937 He was elected President of the Anatomical Society of Great Britain and Ireland for 1924 to 1927. During World War I he took an interest in the neurology of shell shock, visiting military hospitals and serving on the British General Medical Council. Grafton Smith died on New Year's Day 1 January 1937 at Broadstairs in Kent

Mapperly Hospital: was designed by George Thomas Hine using a linear corridor layout, opened as the Nottingham Borough Lunatic Asylum in August 1880 then extended in 1889 and joined the National Health Service as Mapperley Hospital in 1948, after the introduction of Care in the Community in the early 1980s, the hospital went into a period of decline and closed in December 1994.

- Wilson, J. T. (1938). "Sir Grafton Elliot Smith. 1871-1937".
   Obituary Notices of Fellows of the Royal Society.
- Macmillan, Malcolm (2009). "Evolution and the neurosciences down-under". Journal of the History of the Neurosciences. 18 (2): 150–96.









## A Large Pine Cabinet of Victorian & Later Microscope Slides,

English, late Victorian, unsigned but in the style of 'Watson & Sons, with 28 drawers each capable of holding 36 standard slides, to hold 936 slides in total, the slides represent a diverse collection including slides, Watson & Sons, London, C. M Topping, Cole, Smith & Beck, Norman and many others, approximately 930 slides, case 37cm wide x 45cm tall.

£800 - £1,200



411.

#### A Large Cabinet of Victorian & Later Microscope Slides,

cabinet, English, late Victorian, unsigned but in the style of 'Smith & Beck (note construction and handle design), with 21 blue velvet lined drawers each capable of holding 24 standard slides, to hold 504 slides in total, the slides represent a diverse collection including slides by Fred Enoch, including one with his private label, Watson & Sons, London, J. D. Moller, Cole, Smith & Beck, Neville and many others, approximately 500 slides, case 27cm wide x 30cm tall.

£800 - £1,200



412.

## Victorian Cabinet of Microscope Slides,

cabinet, English, c.1880, constructed of French polished mahogany with glazed door opening to reveal 27 slide drawers and one deep drawer for accessories, each drawer has a double layer and capable of holding 32 standard slides giving a capacity of 864 slides in total, the slides represent a diverse collection covering many subjects with a mix of slides by professional and amateur preparers, case 41cm tall x 28cm wide

£300 - £500



413.

#### Gothic Victorian Microscope Slide Cabinet & Slides,

English, c.1870, cabinet with two doors opening to reveal seven drawers with two pull out secret drawers to each side, finished in French polished flame mahogany with carved flower detail to the door arches, cabinet holds approximately 330 slides, slides mainly amateur prepared paper covered, with handwritten index of slides, cabinet 48cm wide x 50cm tall

£300 - £500



## A Large & Good Quality Microscope Slide Cabinet,

English, Late Victorian, with a brass plaque to the front which reads 'LIVERPOOL MICROSCOPICAL SOCIETY PROPERTY', cabinet constructed of French polished mahogany with two glazed doors opening to reveal 24 drawers each capable of holding 48 standard slides, total capacity 1152 slides, cabinet 50cm wide

£300 - £500



415.

## A Good Collection of Single Diatom Microscope Slides,

English, c.1900, most unsigned with no preparers labels but all well labelled with type, location and mounting medium, in period flip front case with 12 trays to hold 12 slides (177 slides in total)



#### An Early Collection of Microscope Slides,

English, c.1860, unsigned, all with unusual marbled paper coverings, along with a few French-type microscope slides in a card flip front case

£80 - £120



417.

#### An Exceptional Möller Diatom Microscope Typen-Platte,

German, c.1890, with label for J. D. Moller, with four rings each containing a microphotograph grid of approximately 8 rows and 10 columns stating the genus and species names, in a fauxleather case with blue velvet lining and cream silk to the lid

£300 - £500



418.

# Set of Moller Diatom Type Slide With 400 Forms on Four

German(?) c.1900, signed to the microphotograph with Moller's symbol, slides each with a microphotograph grid holding 100 diatoms, the slides numbered 1 to 4 and labeled with 'Diatomaceae Type Slide with 400 forms names in photographie', each in a faux leather covered case with blue velvet lining and cream silk to the lid (4)

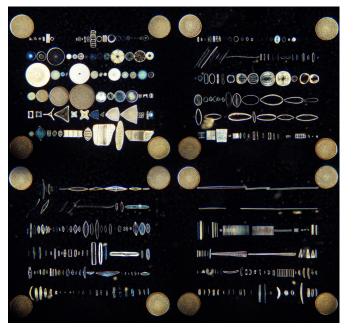
£300 - £500



419.

#### Möller Diatom Typen-Platte Microscope Slide,

German, dated 1871, slide engraved 'II Diat-Typen-Platte Deckglasdicke 1/9th mmtr, J. D. Möller Wedel in Holstein Germania 1871' with a single groups of diatoms in a square arrangement, in a leather case with gold wording to the lid which reads 'J.D. MÖLLER'S DIATOMACEEN-TYPEN-PLATTE', with blue velvet lining and cream silk to the lid, with a large printed single-sheet catalogue titled 'Diatomaceen-Typen-Platte II, Catalogue of the Diatomaceae, according to the classification of Mr A Grunow, Vienna' and dated October 1871





417. 418.





419.

419.



#### Three Cased Möller Diatom Typen-Platte Microscope Slide,

including; c.late 19th century, signed to the label 'J. D. Möller Diatomaceen, Typen-Platte Balsm Styrax', with a microphotograph grid holding 100 diatoms,in a faux leather covered case with blue velvet lining and cream silk to the lid; c.late 19th century, signed to the label 'J. D. Möller Diatomaceen, Typen-Platte Monobrom Naphtalin', with a microphotograph grid holding 100 diatoms,in a faux leather covered case with blue velvet lining and cream silk to the lid; c.late 19th century, signed to the microphotograph label 'J. D. Möller, Institut für Mikroscopie, Wendle in Holstein, Gold Medallion: St Petersburg Altona, Fortschritts medaille Vienna' with a microphotograph grid holding 80 diatoms,in a faux leather covered case with blue velvet lining and cream silk to the lid, (3)

£200 - £300



421.

#### Two Cased & Two Loose Möller Diatom Microscope Slides,

including; c.late 19th century, signed to the label 'J. D. Möller Diatomaceen, Typen-Platte Monobrom Naphtalin', with approximately 100 diatoms arranged in a square, in a faux leather covered case with blue velvet lining and cream silk to the lid; c.late 19th century, signed to the label 'J. D. Möller Diatomaceen, Typen-Platte Balm', with approximately 100 diatoms arranged in a square, in a faux leather covered case with blue velvet lining and cream silk to the lid; with two loose 'J. D. Möller Diatomaceen, Probe-Platte slides (4)

£200 - £300



422.

#### Diatom Type-Slide,

German, c.late 19th century, microscope slide unmarked but attributed to J D Möller, Wedel in Holstein Germania ,with secondary retail label for 'Watson & Sons Ltd, 313 High Holborn, London' with further labels for 'Type Slide Diatomaceae 200 forms Hudson River USA' with a single groups of diatoms in a square arrangement, in a leather case, with blue velvet lining and cream silk to the lid

£200 - £300



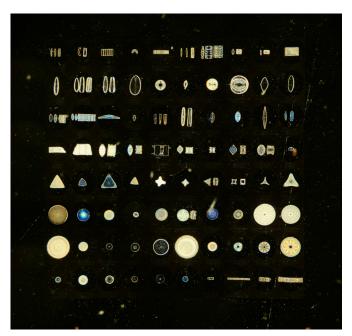
423.

# A Pair of E Thumb Diatom Microscope Slides with Catalogues,

both slides German, late 19th Century, the first labelled 'C. Baker, Type Plate H no.4123, 244 H. Holborn, London W.C. 100 Species with list, E. Thum, Preparer, Leipzig' in a leather case with blue velvet lining and cream silk lined lid, the second labelled 'Type Plate B, E Thum, London W.C. 100 Species with list, B. Thum, Preparer, Leipzig' in a leather case with blue velvet lining and cream silk lined lid (2)







420. 420.



422.



#### Möller Diatom Typen-Platte Microscope Slide,

German, c. late 19th century, with label for 'Diatomaceen Typen-Platte Monobrom Naphtalin. J. D. Moller' and secondary retail label for 'W. Watson & Sons 313 High Holborn, London' slide with four groups of diatoms in square arrangements, in a faux-leather case with blue velvet lining and cream silk to the lid, pencilled to the label is '400' presumably diatom count

£200 - £400



425.

#### Möller Diatom Typen-Platte Microscope Slide,

German, dated 1869, slide engraved 'Diatomaceen = Typen-Platte Deckglasdicke 1/9th mmtr, No.161, J. D. Moller Wedel in Holstein Germania 1870' with four groups of diatoms in square arrangements, in a leather case with gold wording to the lid which reads 'J.D. MÖLLER'S DIATOMACEEN-PROBE-PLATTE', with blue velvet lining and cream silk to the lid

£200 - £400



426.

#### Möller Diatom Typen-Platte Microscope Slide,

German, c. late 19th century, with label for 'Diatomaceen Typen-Platte Monobrom Naphtalin. J. D. Moller' and secondary retail label to the case lid for 'F. W. Mills Huddersfield' slide with four groups of diatoms in square arrangements, in a faux-leather case with blue velvet lining and cream silk to the lid, inked to the label is '538' presumably diatom count



427.

#### Möller Diatom Probe-Platte Microscope Slide,

German, dated 1869, slide engraved 'Diatomaceen = Probe-Platte Deckglasdicke 1/12th m, No.138, J. D. Moller Wedel in Holstein Germania 1869' with a single line of diatoms, in a leather case with gold wording to the lid which reads 'J.D. MÖLLER'S DIATOMACEEN-PROBE-PLATTE', with blue velvet lining and cream silk to the lid

£100 - £200



428.

#### A Collection of Damaged J. D. Möller Diatom Slides,

five slides with various damages including cracked coverslips and slipped diatoms, AF, (6)

£100 - £200

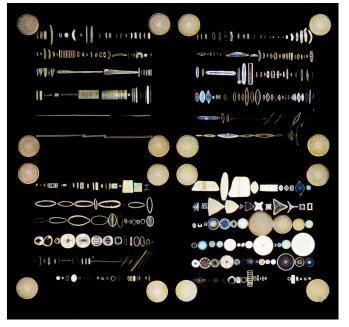


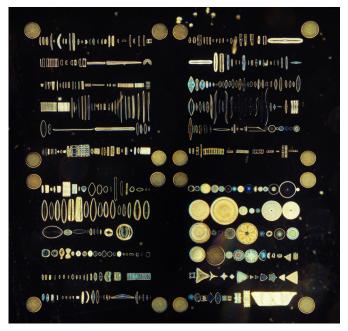
429.

## Möller Diatom Probe-Platte Microscope Slide,

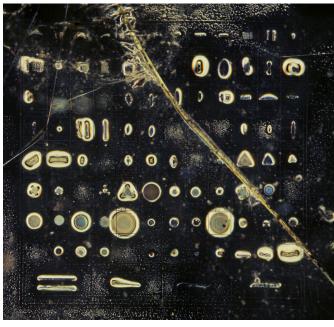
German, c.late 19th century, with label for 'J. D. Möller Diatomaceen Probe-Platte trocken', label penciled '60' in a leather case, with blue velvet lining and cream silk to the lid

£80 - £120





425. 426.



428.



#### A J. D. Möller Microphotograph Catalogue,

German, c.1951, with a label for 'J D Möller G. m. b. H. Wedel (Holst) Micropraparate Liste MS 2'

£60 - £80

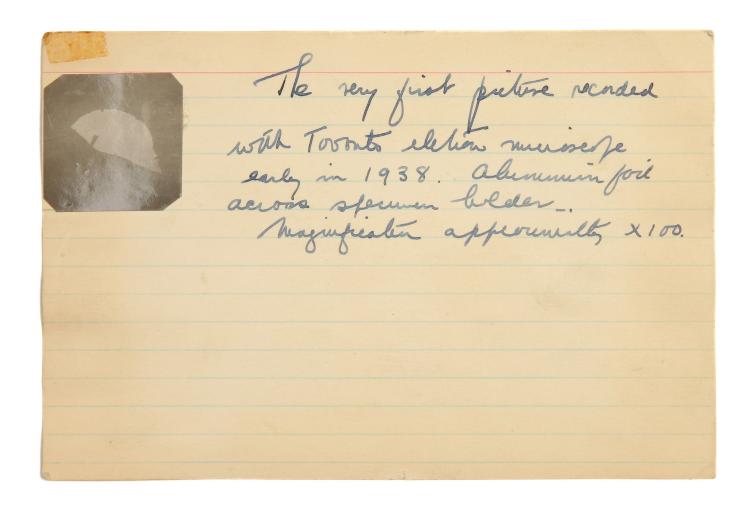


#### Set of Cole Microscope Slides & Books,

the slides in a polished mahogany flip front case, with 4 trays of 13 slides, with index card to the inside of the lid, slides all with the 'Cole Deum' coat of arms, complete set numbered from 1 to 51 covering a wide range of subjects; set of half leather-bound books titled 'Studies in Microscopical Science, Edited by Arthur C. Cole F.R.M.S' dated 1883, in four volumes with green bindings and marbled boards, and a single copy of 'Methods of Microscopical Research, Cole' printed 1880.

£150 - £250

431.



#### The First Image Ever Taken Using an Electron Microscope in Canada, Albert Prebus, Toronto,

Canadian, c.1938, an archive of images from the estate of Albert Prebus, including the original first image ever captured by the prototype electron microscope, image on card backing with the following handwritten note 'The very first picture recorded with Toronto electron microscope early in 1938. Aluminium foil across specimen holder. Magnification approximately x100', along with a larger copy of the same image, with an archive of related items including various images of the microscope and an original copy of the 'PROGRAM OF THE FINAL ORAL EXAMINATION FOR THE DEGREE OF DOCTOR OF PHILOSOPHY', of Albert Prebus, B.Sc (University of Alberta) 1935, M.Sc. (University of Alberta) 1937, Wednesday, May 20th, 1940.

The Toronto University Transmission Magnetic Electron Microscope: Many important scientific discoveries can trace their origins to the Physics Department of the University of Toronto. Perhaps though, no discovery there has been quite as significant to science and society as the building of the first transmission magnetic electron microscope by two graduate students, James Hillier and Albert Prebus in April of 1938 under the direction of the Department Chairman, Professor E.F. Burton.

For at least 10 years prior to the instrument being built there had been various attempts to construct a working transmission electron microscope. In Europe Hans Busch's 1926 paper showed that theoretically an electron beam could be focused by using a coaxial magnetic or electric field. Prior to this Louis de Broglie had hypothesised that electrons possessed wave properties which suggested that not only was the principle of an electron microscope possible it may give a greater magnification than an optical instrument. In Germany at the Berlin Technische Hochschule Ernst Ruska and his colleagues had designed the equipment necessary to concentrate a magnetic field. This discovery led Ruska to develop an early version of a two-stage transmission electron microscope. However, the instrument he designed and built only just achieved a resolution better than an optical instrument. By 1933 a number of other scientists had developed similar instruments all with disappointing results. Only the instrument built by Ruska was able to produce micrographs and these were of poor resolution.

It was Professor E.F. Burton, Chairman of the Department of Physics at the University of Toronto who was to become the moving force behind the project to build a working magnetic transmission electron microscope. During the autumn of 1935, on returning from a conference in Berlin on the possible applications of an Electron Microscope, he met Cecil E. Hall, from the University of Alberta. Hall was hoping to do graduate work in the field of spectroscopy. Burton managed to convince Hall to change his interests in spectroscopy to electron optics. This would mean that Hall would be the first graduate student in this new field. Burton later convinced Prebus to follow the same route.

Hall constructed two early forms of emission microscopes, the second of which used a magnetic lens which allowed him to take a photograph of the emitting surface of the hot cathodes at an impressive 3000x. It was for this early work that, in 1936, he received an M.A. Due to a lack of funding for the project Hall left and ended up working for Kodak. However, the seeds were now sown and Burton was determined to build a working Electron Microscope.

It was in the Autumn of 1937 that Albert Prebus, who already had an M.Sc. from the University of Alberta, came to Toronto University to continue his interest in atomic spectra. Burton, as with Hall previously, convinced him to change his interests over to this still new field of electron optics. Burton wasted little time in teaming him up with James Hillier, a B.A. graduate who had been working on Burton's electron microscope project since graduation. Both Prebus and Hillier, highly intelligent, hardworking, and enthusiastic towards the project, worked well as a team. Their aim was to build a compound transmission magnetic electron microscope with a view to applying it to biological and colloidal materials. To do this and bring the project to fruition they had only the work done by Hall and his prototype instruments, translated publications by Knoll, Marton & Ruska, and their own wits and skills.

Prebus and Hillier submitted the working drawings at the end of the Christmas vacation of 1937 and active construction started in January of 1938. Both Hillier and Prebus designed, machined and constructed most of the microscope. The microscope was completed after 4 months of long hours. Then in early 1938 the first image or micrograph was taken. The microscope was improved and its magnification increased finally resulting in images taken at 20 Å or better.

Burton reported the success of the project to the University as "Mr. James Hillier, assistant demonstrator and Mr. Albert Prebus, holder of a studentship from the National Research Council have continued the work of perfecting the electron microscope and have succeeded in taking many photographs of submicroscopic structures up to a primary magnification of 30,000 times". Just one year after work had begun on the project the first scientific report was published by the Canadian Journal of Research in January 1939. In December 1939 the first micrographs were published in the popular magazine Saturday Night with a descriptive text by Burton. In 1939 the Book by Burton & Kohl, authored by the journalist R. E. Beamish was published describing the microscope built in 1938.

The original prototype microscope is now in the collection of the Canadian Science and Technology Museum: Physics Department Donates Electron Microscope to Canada Science and Technology Museum - https://www8.physics.utoronto.ca/physics-at-uoft/history-old/the-electron-microscope/physics-department-donates-electron-microscope-to-canada-science-and-technology-museum

£1,500 - £2,500

#### A Pair of Important Collodion Photomicrographs by Delves,

English, c. 1850, a French polished pear or applewood frame holds the two Albumen prints behind glass windows, A typed caption is glued to the reverse which reads:

Transactions of the Microscopical

Society of London New Series Vol I. 1853 "The Posotive Photographs from Collodion Negatives, Taken by J. Delves, Esq., illustrate that Gentleman's Mr. Shadbolt & Mr. S. Highley's papers on Photography (Description of Plave VII.)

These photomicrographs were made to illustrate the paper delivered by Delves to the Microscopical Society on 27th October 1852. However, these images were not actually included in the Journal.

Early Years of Photomicroscopy – The beginnings of true microscopical images caught using a photographic process can be traced back to Daguerre in 1839 where he made a micrograph of the spinnerets of a spider. In England, Dancer was perhaps the first to create Photomicrograph using the same system. [i] Dancer's images were of a flea that was caught on a 7x5in plate in around 1840. But he was not happy with the poor quality and coarseness of the images produced. A number of other English scientists are reputed to have produced photomicrographs. However, most of these claims are anecdotal and not verifiable.

During the 1840's popularity in capturing histological images was located mainly in Continental Europe where it rapidly developed. However, England was soon to catch up and in 1853 three different authors in two different journals shared the same pasted in alubumen print.

The Delves connection. Delves, along with Shadbolt & were responsible for the first-ever published photomicrographs made using the collodion process and reproduced as an albumen print. These prints were distributed in transactions of the microscopical society of London and Quarterly Journal of Microscopical Science. Unfortunately, almost all of these original prints included within the Journals have now faded almost to nothing. According to Bracegirdle in 'A History of Photography with the light microscope' Delves appears to have written the first-ever note on Photomicrography and the results. Unfortunately, his account is quite short and in it he admits that others have, previous to him, used photography with the microscope but states 'with little success. In his article he makes the following interesting statement:

The larger group exhibited was produced by the 1inch object-glass, and the time given varied from ten seconds to one minute. The smaller group representing "scales of the Lepisma saccharina by the quarter-inch and one-eighth inch glasses was taken with a more sensitive collodion: and the time from ten to fifteen seconds"

What is interesting here is that only the first larger group was included as a print in the two Journals with no representation of the second. This slide now offered would appear, again according to Bracegirdle' to be the unpublished photomicrographs. The most probable reason these were not used would have been almost certainly on the grounds of cost.

The positives for the Journals were printed by Nicolaas Henneman who had a long association with William Henry Fox Talbot. He began as Talbot's personal valet at Lacock Abbey, later assisting Talbot in his early experiments with photography. In 1844, Talbot appointed Henneman the director of the first commercial production studio in Reading. The facility relocated to Regent St, London in 1847 and was taken over by Henneman and a partner the following year. It is most likely that this is where the Albumen prints were made.

What is certain is that this albumen print is the earliest known photomicrograph made using the collodion process. The quality is of the image offered here of the Lepisma scales is of surprisingly high quality even now 170 years later

£3,000 - £5,000









**Professor Sergei Ivanovich Tomkeieff FRSE FGS** (1892–1968) was a 20th-century Lithuanian geologist and petrologist. He was born on 20 October 1892 in Vilna the capital of Lithuania. He came to Britain either during or just after the First World War and began lecturing in Geology at Anderson College in Newcastle-upon-Tyne in 1920.

In 1948 he was elected a Fellow of the Royal Society of Edinburgh. His proposers were Arthur Holmes, James Ernest Richey, Sir Edward Battersby Bailey, Heslop Harrison, George Walter Tyrrell, John Weir, and H. B. Donald. In 1957 he became Professor of Petrology at the Anderson College.

He was Author of many books including; The Tholeite Dyke at Cowgate (1953); Coals, Bitumens and other Related Fossil Carbonaceous Substances (1954); Isle of Arran (1961); The Economic Geology of Quarried Materials (1969) Dictionary of Petrology (1983) (posthumous). He was awarded the Geological Society's Lyell Medal in 1966 (included in this sale). He died on 27 October 1968 in Newcastle aged 76

Lots 434 – 440 form part of his estate.



#### A Leitz Petrological Microscope VI M, Slides & Books,

a collection of items belonging to Professor Sergei Ivanovich Tomkeieff; Petrological microscope signed to the front 'E. Leitz Wetzlar No.190394 Armstrong College', on cast iron black enamelled stand with plano-concave mirror, nickel plated polariser with condenser, body tube with slide in/out analyser, rotating stage with engraved scale, in case with lenses and accessories; a large card case containing geological and petrological microscope slides; with four books; Optical Mineralogy, Rogers & Kerr Printed 1942; Minerals and the microscope, H. G. Smith, printed 1919; Minerals and the microscope, H. G. Smith, printed 1933; The polarising Microscope, A. F. Hallimond, printed 1953

£700 - £1,000











435.

#### A Fine Lyell Medal,

The Lyel medal is a prestigious annual scientific medal given by the Geological Society of London, equal in status to the Murchison Medal. This medal is awarded based on one Earth Scientist's exceptional contribution of research to the scientific community. It is named after Charles Lyell the Scottish geologist who demonstrated the power of known natural causes in explaining Earth's history. this example is engraved around the edge SERGEI IVANOVICH TOMKEIEFF, 1966 THE GEOLOGICAL SOCIETY, in the original leather-covered presentation case.

£80 - £120





436

#### Two Early Wooden Crystal Models,

English, 19th century, unsigned but engraved 31 and 41, both made of boxwood the largest 6cm long

£80 - £120



437.

# Russian Geological Articles & Map,

Belonging to Professor Sergei Ivanovich Tomkeieff; several Geological articles and booklets in Russian and a large (65x62cm) Russian Geological map dated 1933

£80 - £120



438.

# A Collection of Geological Maps,

belonging to Professor Sergei Ivanovich Tomkeieff including a large geological map of Scotland in a blue book titled 'Published with Governmet Authority, Geological Map of Scotland By Sir Archibald Geikie S.Sc LL.D F.R.S., dated 1910, made of 24 plates on canvas backing; a Geological map of Arran dated 1910; Ordanance Survey Drift Edition Geological map dated 1909 reprinted 1956 with another three of Scotland, Barnsley; Geological Maps of Great Britain in two parts prepared by The Geological Survey dated 1948, a Geological Map of the British Islands based on the work of the Geological Survey dated 1939, and others (a lot)

£100 - £200



439

# A Large Archive of Lecture Models, Notes, Diagrams & Research,

belonging to Professor Sergei Ivanovich Tomkeieff, including models used in lectures, hand drawn geological sections, lecture notes, books and letters to publishers and correspondence between other university geological departments (a lot)

£80 - £120



# A Large Collection of Books on Geology & Mineralogy,

to include: Tomkeieff, Dictionary of Petrology, including an unpublished version in Russian with publishers letter; The Weathering of Natural Building Stones; Memoires of the Geological Survey, Scotland, 1924; Memoires of the Geological Survey, Scotland, 1931; Lindgren, Mineral Deposits; Seeley W Mudd, Industrial Minerals & Rocks, 1949; Edward Hull, On Building & Ornamental Stones; F.C. Philips, An Introduction to Crystallography; W.H. Brass & W.L.Bragg, The Crystalline State; Bunn, Chemical Crystallography; Daly, Igneous Rocks and the Depts of the Earth; Jenkins & White, Fundamentals of Optics, along with many geology Journals and offprints (a Lot)

£80 - £120



441.

#### A German Semi-Precious Mineral Collection,

German, Late 19th Century, no makers mark, red faux leather covered case with index to all 70 specimens in lid with number, name and geographical location, each specimen cut and polished, including Opal from Austrlia, Russian Malachite, agates and many others, case 37cm x 27cm

£200 - £400



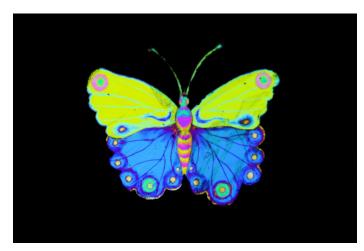
442.

#### Society of Arts Blowpipe Set,

English c.1880, Trade lable to the inside of the lid for 'J. T. Letcher, Truro, Cornwall, French polished mahogany case with index to inside of lid, with lift out tray containing various accessories, chemical samples with test tubes in the base of the box, case 27cm wide

**Note:** Blowpipe sets were used for education and to enabled explorers and prospectors to analyse minerals in the field. The sets typically include apparatus and chemicals necessary for grinding the sample, heating it and observing colours in a flame, and so identifying the metals present.

£100 - £200



443.

#### A Selenite Butterfly Slide,

English, c.1880, frame stamped 'W Darker' wooden frame with circular aperture, with delicate selenite image of a multicolored butterfly in balm between two glass disks

£200 - £400

Lot 441 - Page Opposite



# Physics & Laboratory





#### A Good Laboratory Dip Circle,

English, c.1900, signed to the base 'W. Wilson 1 Belmont St, London N.W.', on three adjustable screw feet, base with silvered scale and single spirit level, vertical dial with scale to one side, removable glass window, with steel needle on agate knife rests, in original polished pine case, instrument height 24.5cm

**Note**: Dip circles (sometimes referred to as dip needles) were used to measure the angle between the horizon and the Earth's magnetic field (the dip angle). They were used in surveying, mining and prospecting as well as for the demonstration and study of magnetism

£200 - £400



445.

## A Cased Crookes' Spinthariscope,

English, dated 1903, engraved to the side of the lacquered body, 'Spinthariscope, W. Crookes 1903, with viewing lens to the top, in original dark maroon coloured Moroccan leather-covered case

£150 - £250



446.

# A Late 19th Century Brass & Mahogany Helmholtz Tangent Galvanometer,

English, late 19th Century, unsigned but identicle to examples made by Elliot Bros. London, with two parallel coils mounted on two upright circles, the centre with a brass cassed compas needle with silvered scale divided into four quadrants, raised from the base on a turned mahogany pillar, all mounted on a rotating limb with four brass screw contacts, the base with tree levelling feet, 40.5cm tall

**Note:** Helmholtz refined the tangent galvanometer in 1849 by adding a second outer coil in order to make the magnetic field between the coils, where the galvanometer needle sits, essentially uniform. When at rest, the galvanometer needle and coils are parallel to each other and to the Earth's magnetic field. When current flows, the needle deflects, and the amount of current flowing is exactly proportional to the trigonometric tangent of the angle through which the needle has turned.

£300 - £500



447.

#### A Large Laboratory Tangent Galvanometer,

English, c.1900, signed to a brass plaque 'W. Wilson, 1 Belmont St, London N.W', with coil in single mahogany ring with large (17.5cm diameter) compass with two separate scales, on circular base with six brass connectors, on three large levelling screw feet, 39cm tall



#### Kolbe Electrostatic Demonstration Instruments,

German, c.1905, unsigned, on cast iron bases with insulating glass stands, with flexible fine copper mesh at the top with insulated handles to each end, these were used to demonstrate that paper strips on the outside of the wire mesh when curved are repelled outwards white the ones on the inside of the curve are not when the mish is electrostatically charged. This principle was demonstrated by Bruno Kolbe in 1904, 48cm tall

£100 - £200



449.

#### A Collection of Geissler & Crookes' Tubes,

including a fine egg-shaped geissler tube with uranium glass spiral on turned glass foot with early terminals (16.5cm tall), two Geissler tubes with uranium glass spirals and early terminals (22cm long), and a small Maltese cross tube on a turned wood stand (19.5cm tall) (4)

£200 - £400



450.

#### An Early X-Ray Tube,

German, c.1900, unmarked, early X-ray tube, 18cm tall.

£100 - £200

451.

# Collection of Classic Crookes Tubes From The 1991 Webster Collection,

consisting of 5 Crookes' tubes including a Maltese Cross tube, railway tube and three others, with the original 1991 Christie's sales catalogue.

**Note:** These tubes were from lot 30 which formed part of the original sale at Christie's, London of 'The Nicholas Webster Collection of Geissler and Crookes' Tubes and Other Laboratory Apparatus', on Thursday 26 September 1991, the circular stands still have the original Christe's label

£200 - £300



452.

#### A Stroboscope by Henry Lepaute, Paris,

French, c.1920, signed to a metal plaque at the front, Henry Lepaute Ingenieurs-Constructeurs 17 a 23 Rue Desnouettes Paris' in long French polised case with internal mechanism, coil and strobe lamp, with original instructions and documentation, case width 76cm

£100 - £200



453.

#### A Substantial Laboratory Spectroscope,

English, c.1950, on large cast-iron base with support to collimator, telescope on rotating arm with large counterweight, arm with two vernier scales to horizontal circle, prism table with engraved scale and two vernier scales, on a large polished mahogany base with mahogany case, instrument width 60cm



# Other Scientific & Medical Instruments

lots 454 - 468 DIGITALIS



#### An Unusually Small Eidograph,

Scottish, c.1860, instrument signed in script 'Adie & Son, Edinburgh' with trade label and handwritten instructions to the inside of the lid, instrument with lead-filled circular boss, with adjustable steel strap and two arms, in fitted mahogany case, case 74cm wide, case hinges broken and wood parts loose.

£200 - £300



#### 455.

#### A Curta Calculator Type II,

Swiss, dated 1967, no. 540824, in black plastic drum case with lid, tested and working

£300 - £500



#### 456.

#### Cased Victorian Pocket Barometer,

English, c.1900, signed to the face 'NEGRETTI & ZAMBRA LONDON, 20815' face with dial adjusted by depressing and turning milled knob at the top, in green silk lined leather case, barometer diameter 4.8cm

Note: Tested, working

£150 - £250



457.

#### A Cased Edwardian Pocket Barometer,

English, c.1910, signed to the face 'HARRODS Ltd, OPTICIANS LONDON' face with dial adjusted by turning, in green silk lined leather case, barometer diameter 4.9cm Note: tested, working

£100 - £150



458.

#### Pocket Drawing Instruments with Provenance,

English, c.1860, ruler signed 'GILBERT LONDON' with reversible compass in German silver, in velvet-lined leather case with sliver plaque to lid engraved 'Engineer Robert Maclagan', case 13.5cm wide.

**Note:** General Sir Robert Maclagan KCMG FRSE FRGS (b.14 December 1820 – d.1894) was a British Army officer and military engineer. He served most of his career in India.

£80 - £120



English, early 19th Century, signed in script 'Bate, London, with hinged strut, finely engraved with a full set of scales in the English pattern, engraved with trigonometrical and navigational scales, the addition of sundial-making scales to reverse, outer edge with 12" scale

Note: Clifton gives Bate as working 1808 - 1847



#### An 18th Century Pocket Watch Type Compass Sundial,

English, c. 1770-1780, in silver case, white enamel compass rose, 32 points, 16 named, part blued compass needle (still points North) silver dial plate supported by three silver struts, V-XII, I-VII divided to 10 minutes, silver gnomon, diameter 4.4cm

£400 - £600



461.

#### A Set of Three Zeiss Telescope & Binocular Catalogues,

including Carl zeiss Jena, Astro 28, Zeiss Telescopes for astronomical and terrestrial observations; Astro 31, Altazimuth Telescopes for astronomical and terrestrial observations; Astro 34 Optical Equipment of Astronomical Instruments, undated but approximately 1930s (3)

£70 - £100



462.

#### A Large 4in Refracting Brass Telescope by Dollond,

English, c.1880, signed around the eyepiece 'DOLLOND LONDON' with original trade label to the inside of the case lid, the telescope tube 160cm, with star finder and rack and pinion focusing, with 4 eyepieces and substantial mahogany tripod, all in the original French polished mahogany case with Kew Observatory Certificate of Examination, case length 172cm, assembled height on tripod 230cm

£800 - £1,000

463.

#### A Large Victorian 4in Telscope & Stand with Provenance,

English/French, c.1879, signed to the body tube 'DOCTEUR Arthur CHAVALIER, Opticien Officer d Acudinire, 158 PALAIS – ROYAL 158, PARIS', and to the lens cap 'George Cecil Ives, November 1879', also the inside of the eyepiece mount is engraved 'J.B. 30 November 76', the telescope tube (142cm long) with rack and pinion focusing, star finder and lens cap, on substantial French polished mahogany & brass standwith large brass gearing to height adjustment, telescope with three eyepieces and filters, in large stained pine travel case, case length 151cm.

George Cecil Ives (1 October 1867 in Germany – 4 June 1950) was an English poet, writer, penal reformer and early homosexual law reform campaigner. He founded the British Society for the Study of Sex Psychology. In 1931, the organisation became the British Sexological Society. Ives was the archivist for the Society whose papers are now held by the Harry Ransom Center at the University of Texas at Austin. Ives met Oscar Wilde at the Authors' Club in London in 1892. Ives was already working for the end of the oppression of homosexuals, what he called "the Cause." He hoped that Wilde would join "the Cause", but was disappointed. He died in London but was buried in the village of Bentworth, Hampshire



The D-2 Mission ran from April 26th to May 6th 1993 and was flown aboard the space shuttle Columbia. The mission was to conduct 88 life science experiments, earth observations, material sciences, atmospheric physics and astronomy. This particular case was for the 'Significance of Gravity and Calciumions on the Production of Secondary Metabolites in Cell Suspension (D2BBISA)', the experiment was published by Jung-Heiliger H, Meyer U, Galensa R, Schroeder M-B, Lehmann H, Holtmann B, Cogoli A titled 'Influence of Microgravity and Calcium on the Synthesis of Secondary Metabolites in Cell Suspension Cultures of Aesculus Hippocastanum L' and was published in: Proceedings of the Norderney Symposium on Scientific Results of the German Spacelab Mission D2/ DARA/DLR', 195 p558-569







#### D-2 Spacelab Mission NASA Staff Pass & Pins,

three NASA Staff passes for the D-2 Spacelab Mission for 'Jung-Heiliger, Hildegard Potthoff, Celler Labor', with one dated 30th Apr 93 and the other 30th May 93, along with another pass with an earpiece.

£80 - £120



465.

# Flown Experiment from the D-2 Spacelab Mission from April 26th to May 6th 1993,

Aluminum suitcase printed 'D2 – BB Gravitationsbiologie, Experiment: ISA, H/W MUSC' with a TNT delivery label from Germany, and a second address label for OHB SYSTEM, ORBITAL – UND HYDROTECHNOLOGIE BREMEN – SYSTEM GMBH', suitcase contains a foam inset cut out with space for 10 machined metal canisters each with labels and Velcro fasteners for use in zero gravity, with a complex syringe device and four other syringes each with part labels, a number of glass vials and a few tools to open and adjust the instruments in the case.

£600 - £800

# A Fine & Large Mid 19th Century Apothecary Chest,

English, Mid 19th Century, solid French polished Mahogany case with campaign-style recessed brass handles to sides and drawer, lid, with velvet lining, rises to reveal 24 glass bottles with cut glass stoppers, all with labels, glass mixing plate to rear, drawer with securing pin opens to reveal glass pestal & mortar, hand scales & weights, various small jars, and bottles, case width 30cm

**Note:** With Sotheby's Belgravia assessment dated March 1980

£800 - £1,200







468.

#### Medical Students Disarticulated Human Skull,

Late Victorian, no trade label or markings, adult female skull in an old pine case, appears mostly complete, along with another part skull and hand.





467.

## Hermann Rorschach, Rorschach Test Plates & Other Psychological Tests,

Rorschach test - Printed to the front of the card case Hermann Rorschach, Psychodiagnostik Psychodiagnostics Tafeln - Plates' published, Medizinischer Verlag Hans Huber, Berlin Medical Publisher, Copyright 1921 (renewed 1948), card case with 10 cards printed with the famous ink blot images; Thematic Apperception Test - printed by Harvard University Press, Cambridge, Massachusetts, printed 1943, in original blue card case (distressed) with instructions and 31 cards; with three books on Psychology, Sigmund Freud, An outline of Psycho-Analysis, 1959; Charles Mercier, A Text Book of Insanity, 1902; John H Ewen, Aids to Psychology, 1929

**The Rorschach Test** – Developed in 1921 by Hermann Rorschach the system was a projective psychological test to measure thought disorder for the purpose of identifying mental illness. The test was inspired by the observation of patients with schizophrenia to often interpret the things they see in unusual ways. In the test, the participant is shown a series of ten ink blot cards and directed to respond to each with what they see in the inkblot.

£100 - £200





#### Watchmakers Topping Tool,

Switzerland/French, last half 19th century, unsigned, brass and steel rounding-up Tool for the final shaping of watch wheel teeth, with turned wood crank handle to large drive wheel, all mounted on a French polished mahogany base with drawer containing 21 Carpano cutting wheels and collets, base width 25cm, height 28cm





470.

#### 19th Century Watch Makers Topping Tool,

Switzerland/French, early 19th century, unsigned, brass and steel rounding-up tool for the final shaping of watch wheel teeth, with turned wood crank handle to large drive wheel, all mounted on a French polished mahogany base, height 26cm

£100 - £200



471.

#### Watchmakers Mandrel, English 19th Century,

English, 19th Century, unsigned, the mandrel with six-spoke hand-cranked drive wheel, with typical adjustable faceplate and adjustable tool rest, length 32cm.

£100 - £200

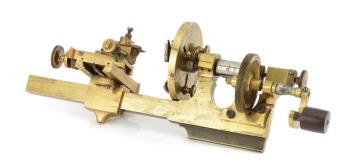


472.

#### A Geared, Late 19th Century Watchmakers Lathe,

English, Late 19th Century, unsigned, with hand crank driven gear to main steel spindle, 12cm diameter faceplate with 3 fixing points, adjustable tool stock with X-Y control, with adjustable and removable tailstock, missing wooden base block, length 51cm

£200 - £300

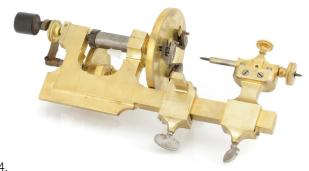


473.

#### A Geared, Late 19th Century Watchmakers Lathe,

English, Late 19th Century, unsigned, with hand crank driven gear to main steel spindle, 12cm diameter faceplate with 3 fixing points, adjustable tool stock with X-Y control, missing wooden base block, length 50cm

£100 - £200



474.

#### A Geared, Late 19th Century Watchmakers Lathe,

English, Late 19th Century, unsigned, with hand crank driven gear to main steel spindle, 12cm diameter faceplate with 3 fixing points, tool rest base but missing actual tool rest, missing wooden base block, length 40cm

f100 - f200



£100 - £200

#### American Watch Makers Tool Grinder,

American, Patent date for Aug 17 1904, embossed with name 'Perfection Grinder Co Boston', on French polished wooden base, with large cast iron hand-cranked drive wheel, finished in



477.

#### A Prisoner of War Bone Snuff Box & Calendar,

English, c.1845, constructed of carved bone with brass pins, top lid engraved 'M.F.C.' with secret door to base containing four (of twelve) printed calendar pages each dated 1845, box 8.2cm wide

£80 - £120



476.

## A 11/2 inch Scale Model of an Agricultural Traction Engine,

with copper boiler with fitted pressure gauge, water sight glass, regulator, firebox door, 1 1/2in stroke and 1in bore (approx.) engine with open crank motion with Stephenson's reversing gear, ratchet oiler system, safety valve and brass oiler cups, eccentric driven water pump, 45cm in length Note: Will need rebuilding if the new owner has intentions of getting it back to steam. Copper boiler with basic fire tubes engine turns but stiff, wheels and gears turn but again stiff would benefit from minor general restoration, cleaning and repainting/lining out

Note: Sold untested and therefore for display only.

£700 - £1,000





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#### **Buying**

As soon as a Lot is sold, the Buyer shall pay to Flints Auctions Ltd the total amount due and give Flints Auctions Ltd their name and address and if requested, proof of identity, if all information is not already held.

Cheques are not acceptable by Flints Auctions Ltd (unless Flints Auctions Ltd in its absolute discretion permits payment by such method) nor are third party references or credit facilities with other Auction houses. If a cheque is tendered Flints Auctions Ltd reserves the right to instruct its bank to check the Buyer's status and account balance before exercising any discretion. Payment by debit or credit card are accepted, there are no additional charges for payment by this method.

The Buyer will pay the Hammer Price and a premium of 24% plus Value Added Tax charged at the rate current at the date of sale.

Lots may in addition have Value Added Tax on the Hammer Price. In this case, such lots will be indicated with an asterisk (§) in the catalogue.

In addition to all other charges Buyers will pay a further charge of 5% + VAT of the Hammer Price if lots are successfully purchased online via the-saleroom.com, Live Auctioneers or Invaluable.

Non-UK or EU VAT registered buyers can have some classes of VAT refunded on their purchases. However please note that VAT on buyer's premium is always payable wherever the buyer is domiciled or wherever the goods are to be sent.

Ownership of Lots purchased does not pass to the Buyer until payment in full is made to Flints Auctions Ltd.

Collection: Buyers are responsible for taking away any lot they have purchased within 10 days of the auction date. Please call the office or email to make an appointment to collect purchased lots.

Flints Auctions Ltd will give 10 day's notice if any storage or insurance costs are due from non-collection

**Shipping:** Any shipping costs must be paid in advance by the Buyer this charge will be added to the invoice.

Flints Auctions Ltd acts as agent for the Vendor, and is not responsible for default by the Buyer.

If any Lot is not paid for in full and taken away in accordance with these Conditions, or if there is any other breach of these Conditions, Flints Auctions Ltd as agents for the Vendor shall at its absolute discretion and without prejudice to any other rights it may have, be entitled to exercise all or any of the following rights and remedies:

- i) to proceed against the Buyer for an action for debt or damages for breach of contract;
- ii) to rescind the sale of that Lot and/or any other Lots sold by Flints Auctions Ltd to the defaulting Buyer;
- iii) to re-sell the Lot by Auction or private treaty. If a lower Hammer Price is achieved on the re-sale than that achieved on the original sale the defaulting Buyer shall be liable for the difference;
- iv) to remove, store and insure the Lot at the expense of the defaulting Buyer;
- v) to retain that or any other Lot sold to the defaulting Buyer until that Buyer pays the total amount due;
- vi) to reject or ignore bids from the defaulting Buyer at future Auctions or to impose conditions before any such bids shall be accepted.

# **Absentee Written Bid Form**

Fine Camera & Scientic Instruments Auction 10036 - 29th April 2021

Buyer number - Office use only	

Name		
Address		
	Post Code	
Telephone	Email	
Lot Number	Description	Maximum Bid*
		£
		£
		<u> </u>
		6
		•
		*Excluding premium & VAT
	are requested, without legal obligation of any kir n your usual conditions of sale and the conditions	
I understand that i	n the case of a successful bid a premium of 24% p	llus VAT will be payable on the Hammer Price.
I have read & unde	erstood the usual conditions of sale.	
Signed	Dated	
	Conditions	

Bids must be received by the Auctioneer by 9.00 am on the morning of the sale.

incorrect transcription or failed connection.



The Auctioneers will endeavour to purchase lots for which they are asked to bid at the lowest possible price. If bids for

The Auctioneer's are not responsible for wrong lot numbers entered on this form. Successful bidders will be notified. Payment must be received before dispatch, for which there will be an appropriate charge. Telephone bids: these are accepted at the auctioneer's discretion. All such bids must be confirmed in writing and no responsibility is taken for

the same item are received, bidding will start at one bid above the underbidders maximum bid.

# Fine Photographica & Scientific Instruments

## November 2021

An Invitation to Consign

We are currently open for entries for our November Fine sale. Should you be interested in a free valuation of a single item or a collection, please get in touch with us for further details.

## **Enquiries**

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