



# 1975 General Catalogue of Photographic Equipment

50th *Leica* Anniversary



Edition of  
1st January 1975

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# **1975 General Catalogue of Photographic Equipment**

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**HOVE FOTO BOOKS, 34 CHURCH ROAD, HOVE, SUSSEX.**

**ERNST LEITZ GMBH WETZLAR GERMANY**

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® = Registered Trademark

The illustrations in this catalogue are not necessarily binding in every technical detail.

# LEICAFLEX SL 2

## Lenses and accessories



10 021  
11 228

### LEICAFLEX® SL 2

**Single-lens-reflex camera with pentaprism. Hinged back.** Eyelets for carrying strap on both sides. Chromium-plated camera top and base plate.  $\frac{1}{4}$ in tripod thread.

Finely-ground micro-prisms ensure very bright viewfinder image. Sharpness assessment across the entire viewfinder field. **Depth-of-field button.** **Central micro-prism ring with additional split-image rangefinder** for positive focusing. Combined lens stop/shutter speed display in the viewfinder.

**Selective light metering through the lens** at full aperture. Built-in CdS exposure meter, which can be switched off. Measuring- and follow pointer visible in the viewfinder. **Illuminated measurement read-out** for poor lighting conditions. Aperture, shutter speed, and film speed selector coupled from 10-39 DIN (8-6,400 ASA) PX 625 Mallory battery (replacements from Messrs. Mallory). **Rapid bayonet changer** for the lenses.

**Click-stop shutter speed dial**, the shutter speed set on the dial is visible on a scale in the viewfinder.

**Battery test.**

**Focal plane shutter\*** for 1, 1/2, 1/4, 1/8, 1/15, 1/30, 1/60, (1/100), 1/125, 1/250, 1/500, 1/1000, 1/2000 sec and time exposures of any duration.

**Automatic flash synchronization** for flashbulbs up to 1/250 sec, for **electronic flash units up to 1/100 sec.**

Separate standard contacts for flashbulbs and electronic flash units. Accessory-shoe contact or contact in the flash unit holder, can be used simultaneously with the other flash contacts.

Adjustable **self-timer.**

**Rapid winding lever with double exposure lock** for shutter wind and film transport.

**Folding rewind crank.**

**Rapid film change** for all commercially available 35mm films.

Automatic frame counter.

Self-locking camera back.

Film indicator.

Shoe for special viewfinders and other accessories.

Carrying strap with non-slip pad.

**Dimensions:** Height: 97mm (3.8in), length 149mm (5.9in), depth: 57mm (2.25in).

\* Cold-proofing to  $-30^{\circ}\text{C}$  on request.

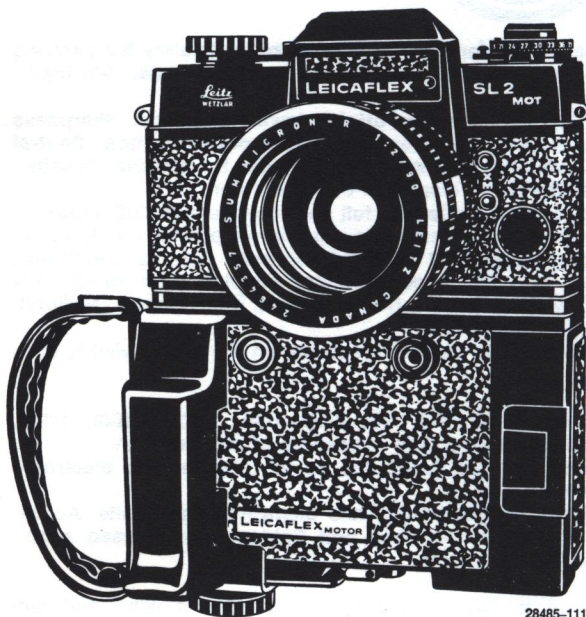
<b>LEICAFLEX SL 2 body *</b> , silver chromium . . . . .	10 021
<b>LEICAFLEX SL 2 body *</b> , black chromium . . . . .	10 022



14 504

28962-111

<b>Every ready case</b> for LEICAFLEX SL 2 with lenses f/2.8 35mm or f/2 50mm with lens hood	
f/2.8 28mm or f/1.4 50mm without lens hood . . . . .	14 504
Leather case for lens hood . . . . .	14 621



10 023

14 077

28485-111

### LEICAFLEX SL 2 MOT

As LEICAFLEX SL 2, but without self-timer, and with **electrical and mechanical junctions for the use of the LEICAFLEX motor.**

Full groundglass screen in the viewfinder.

Baseplate, camera, and motor in black finish.

The camera can also be used without motor.

\* On request available without split-image rangefinder or with full groundglass screen.

**LEICAFLEX motor**

to be used exclusively on the LEICAFLEX SL 2-MOT.

**Automatic shutter wind** for serial and single exposures.

**Remote control** through electric cable connection or radio release etc.

**Frame frequencies** from 3–4 fps.

Switch for camera and motor operation, as well as single-frame exposures.

**Battery housing** for 10 NC batteries, such as DEAC 501 RS by Varta AG (or 10 1.5v midget batteries).

This requires a charger by Varta, Code No. GF 1.2–12/0.005–0.5.

The charger must charge at about 45mA, i.e. it must be set for 10 batteries.

**Frame counter** for motor-released exposures.

**End switch** for 36 exposures and  $\infty$ -position.

**3-pin connection** for remote control and remote counter.

**Radio remote control** on request.

**Dimensions:** Height 92mm (3.16in), Length: 145mm (5.7in), Depth: 40mm (1.6in).

	Code No.
<b>LEICAFLEX SL 2-MOT body</b> , black chromium *, with motor connection . . . . .	10 023
<b>LEICAFLEX-motor</b> , with carrying strap . . . . .	14 077
<b>Accessories:</b>	
<b>Battery housing</b> for the LEICAFLEX motor, separate, (replacement) . . . . .	14 147
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<b>Tandem device</b> for the connection of 2 LEICAFLEX SL 2-MOT cameras for picture sequences of 6–7fps . . . . .	14 185
<b>Twin cable</b> for coupling a radio remote release and the remote release with counter with the LEICAFLEX SL 2-MOT . . . . .	14 180
Cable for connecting the LEICAFLEX SL 2-MOT with the ST 1 control unit of the LEICINA SUPER (for intervals between about 0.5 to about 360sec) . . . . .	14 187
<b>Universal hand grip</b> for hand-held exposures with longer-focal-length lenses . . . . .	14 188
<b>Release switch</b> for the use of the universal hand grip on the LEICAFLEX SL 2 MOT . . . . .	14 189

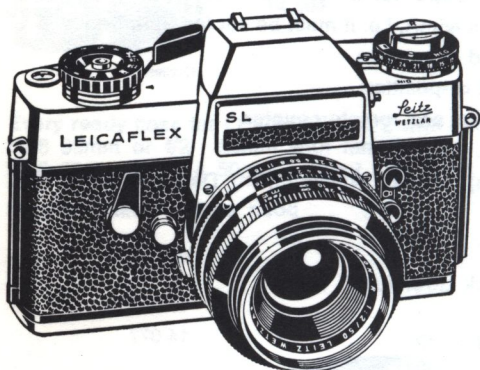
For further details of extension see list 111–85.

\* On request available without split-image rangefinder or with full groundglass screen.

# LEICAFLEX SL

## Lenses and accessories

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10 011  
11 228

### LEICAFLEX SL®

**Single-lens-reflex camera** with pentaprism. **Hinged back.** Eyelets for carrying strap on both sides. Chromium plated camera top and baseplate. 1/4" tripod thread.

Finely ground microprisms\* **ensure very bright viewfinder image.** Sharpness assessment across the entire viewfinder field. **Depth-of-field button.** **Central microprism measuring field** for positive focusing.

**Selective light metering through the lens** at full aperture. Built-in CdS exposure meter, which can be switched off. Measuring- and follow pointer visible in the viewfinder. Aperture, shutter speed, and film speed selector coupled from 10-39 DIN (8-6,400 ASA). PX 625 Mallory battery with white or green ring (replacements from Messrs. Mallory).

**Rapid bayonet changer** for the lenses.

**Click-stop shutter speed dial,** the shutter speed set on the dial is visible on a scale in the viewfinder.

**Battery test.**

**Focal plane shutter\*\*,** speeds 1, 1/2, 1/4, 1/8, 1/15, 1/30, 1/60, (1/100), 1/125, 1/250, 1/500, 1/1000, 1/2000 sec and time exposures of any duration.

**Automatic flash synchronization** for flashbulbs up to 1/250 sec. for **electronic flash units up to 1/100 sec.**

**Separate standard contacts** for flashbulbs and electronic flash units.

**Adjustable self-timer.**

**Rapid winding lever with double exposure lock** for shutter wind and film transport.

**Folding rewind crank.**

**Rapid film change** for all commercially available 35mm films.

**Automatic frame counter.**

**Self-locking camera back.**

**Film indicator.**

**Shoe for special viewfinders and other accessories.**

Carrying strap with non-slip pad.

Presentation case on request.

**Dimensions:** Height 96mm (3.8in), length 149mm (5.9in), depth 57.5mm (2.26in).

\* Groundglass screen available to special order.

\*\* Cold-proofing to -30°C on request.

LEICAFLEX SL body silver chromium \* . . . . . 10 011  
 LEICAFLEX SL body, black chromium \* . . . . . 10 012



14 558

26923 - 111

Ever-ready case for LEICAFLEX SL with lenses  
 f/2.8 35mm or f/2 50mm with lens hood . . . . . 14 558  
 f/2.8 28mm or f/1.4 50mm without lens hood . . . . . 14 621  
 Leather case for lens hood . . . . . 14 621



10 013

11 228

14 077

26647 - 111

**LEICAFLEX SL MOT \***

as LEICAFLEX SL, but without self-timer, with electrical and mechanical connections for the LEICAFLEX motor.

Full groundglass screen in the viewfinder.

Protective baseplate.

Camera and motor black finish.

\* available also with groundglass screen on request. No extra charge.



The **LEICAFLEX Motor** is to be used exclusively on the LEICAFLEX SL MOT or SL 2 MOT.

**Automatic shutter wind for serial and single exposures.**

**Single-exposure operation.**

**Remote control** through electric cable connection or radio release etc.

**Frame frequencies from 3-4 f.p.s.**

Switch for **camera and motor operation.**

**Battery housing** for 10 1.5v midget cells or NC accumulators (e.g. Varta DEAC 501 RS).

This requires a charger by VARTA, Code No. GF 1,2-12/0,005-0,5. The charger must charge at about 45mA, i.e. it must be set for 10 batteries.

**Frame counter** for motor-released exposures.

**End switch** for 36 exposures and infinity setting.

**Three-pin connection for remote-control** and remote counter.

**Radio remote-control** on request.

**Dimensions:** Height 92mm (3.6in), length 145mm (5.7in), depth 50mm (2.0in).

Code No.

<b>LEICAFLEX SL MOT body</b> , black with full groundglass screen, motor connection * . . . . .	10 013
<b>LEICAFLEX Motor</b> with carrying strap . . . . .	14 077

**Accessories**

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<b>Tandem device</b> for the connection of two LEICAFLEX SL MOT cameras for picture sequences of 6-7 f.p.s. . . . .	14 185
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<b>Universal handgrip</b> for hand-held exposures with longer-focal-length lenses . . . . .	14 188
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See List 111-85 for further details of extensions.

\* available also with micro-prism screen on request.



28478-111

11 222

## FISHEYE-ELMARIT-R

**f/2.8 16mm**

(only for the LEICAFLEX SL 2)

Fisheye lens for special pictorial effects

Angle of view: 180°

Number of elements: 11

Built-in turret with 4 filters

Fully automatic pre-set diaphragm with click stops (including half values)

Smallest aperture: f/16

Focusing range: ∞ - 3m

Non-rotating focusing mount

Combined "feet-metre" scale

Smallest object field:

401 x 601mm (15.8 x 23.8in)

Maximum reproduction scale about

1 : 16 (0.06 x) in the centre of the image

Black finish

Built-on lens hood

Code No.

## FISHEYE-ELMARIT-R f/2.8 16mm

with lens hood . . . . . 11 222



26248-111

11 813

## SUPER-ANGULON®-R

**f/4 21mm**

Wide-angle lens of extremely wide angle of view

Angle of view: 92°

Number of elements: 10

Filter size: 8.5

(Series 8.5 filters must be inserted in the lens hood)

External lens mount diameter: A 75

Combined "feet-metre" scale

Fully automatic spring-back diaphragm

Click-stops (including 1/2 values)

Smallest aperture: f/22

Focusing range: ∞ to 0.2m (8")

Smallest object field:

148 x 221mm (6 x 8 3/4" approx.)

Black finish

Lens hood

Code No.

## SUPER-ANGULON f/4 21mm

with lens hood . . . . . 11 813

Lens hood (replacement) . . . . . 12 506



28479-111

11 221

### **ELMARIT-R f/2.8 24mm** (only for the LEICAFLEX SL 2)

Lens of very wide angle of view

Angle of view: 84°

Number of elements: 9

Floating elements: front section of the lens can be moved independently of the rear section because it is coupled with the rangefinder, hence optimum correction in the close-up range.

Filter size: 8

Fully automatic pre-set diaphragm with clickstops (including half-values)

Smallest aperture: f/22

Focusing range: ∞ – 0.3m

Non-rotating focusing mount

Combined "feet-metre" scale

Smallest object field:

250 x 374mm (10 x 15in)

Maximum reproduction scale:

1 : 10.4 (0.10 x)

Black finish

Lens hood

Code No.

### **ELMARIT-R f/2.8 24mm**

with lens hood . . . . . 11 221



26890-111

11 204

### **ELMARIT®-R f/2.8 28mm**

Wide-angle lens

Angle of view: 76°

Number of elements: 8

Filter size: 7

External lens mount diameter: A 51

Combined "feet-metre" scale

Fully automatic spring-back diaphragm

Pre-set click stops (including 1/2 values)

Smallest aperture: f/22

Focusing range: ∞ to 0.3m (12")

Smallest object field:

188 x 282mm (7 1/2 x 11 1/4")

Non-rotating focusing mount

Black finish

Locking lens hood for the use of Series 7 filters and 7 polarizing filters

Code No.

### **ELMARIT-R f/2.8 28mm**

with lens hood . . . . . 11 204



26967-111

11 227

### SUMMICRON®-R f/2 35mm

Fast wide-angle lens

Angle of view: 64°

Number of elements: 9

Filter size: 7

External lens mount diameter: A 51

Combined "feet-metre" scale

Fully automatic spring-back diaphragm

Pre-set click stops (including 1/2 values)

Smallest aperture: f/16

Focusing range: ∞ to 0.3m (12")

Smallest object field:

140 x 210mm (5 3/4 x 8 1/2")

Non-rotating focusing mount

Black finish

Locking lens hood for the use of Series

7 filters and 7 polarizing filters

Code No.

### SUMMICRON-R f/2 35mm

with lens hood . . . . . 11 227



25564-11

11 201

### ELMARIT-R f/2.8 35mm

Wide-angle lens

Angle of view: 64°

Number of elements: 7

Filter size: 7

External lens mount diameter: A 51

Combined "feet-metre" scale

Pre-set click stops (including 1/2 values)

Fully automatic spring-back diaphragm

Smallest aperture: f/22

Focusing range: ∞ to 0.3m (12")

Smallest object field:

140 x 210mm (5 3/4 x 8 1/2")

Non-rotating focusing mount

Black finish

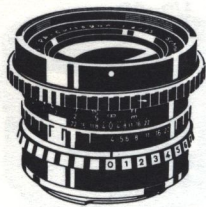
Locking lens hood for the use of Series

7 filters and 7 polarizing filters

Code No.

### ELMARIT-R f/2.8 35mm

with lens hood . . . . . 11 201



26968-111

11 202

## PA-CURTAGON®-R f/4 35mm

Wide-angle lens with perspective compensation

Angle of view: 63–78°

Displacement from the optical axis:

7mm in every direction

Radial adjustment: at 90° intervals

Number of elements: 7

Filter size: 8

External lens mount diameter: A 63.7

Combined "feet-metre" scale

Click stops

Smallest aperture: f/22

Focusing range: ∞ to 0.3m (12")

Smallest object field:

140 x 210mm (5<sup>3</sup>/<sub>4</sub> x 8<sup>1</sup>/<sub>2</sub>" )

Non-rotating focusing mount

Black finish, with bright decorative ring

Locking lens hood for the use of Series

8 filters and 8 polarizing filters

Code No.

## PA-CURTAGON-R f/4 35mm

with lens hood . . . . . 11 202



29071-111

## ELMARIT®-R f/2.8 19mm

Fast ultra-wide-angle lens

Angle of view: 95.7°

Number of elements: 9

Filter size: M 82 x 0.75

Fully automatic pre-set diaphragm with click-stops (including 1/2 values)

Smallest aperture: f/16

Focusing range: ∞ – 0.5m (20")

Smallest object field:

468 x 702mm (18.7 x 28")

Non-rotating focusing mount

Black finish

Lockable lens hood

Weight: 0.500 kg

Code No.

## ELMARIT-R f/2.8 19mm

with lens hood . . . . . 11 225



25565-11

11 228

### SUMMICRON-R f/2 50mm

Fast universal lens  
 Angle of view: 45°  
 Number of elements: 6  
 Filter size: 6  
 Retaining ring for Series 6 filters  
 External lens mount diameter: A 47  
 Combined „feet-metre“ scale  
 Fully automatic spring-back diaphragm  
 Pre-set click stops (including 1/2 values)  
 Smallest aperture: f/16  
 Focusing range: ∞ to 0.5m (20")  
 Smallest object field:  
 180 x 270mm (7 1/4 x 10 3/4")  
 Non-rotating focusing mount  
 Black finish  
 Lens hood

Code No.

### SUMMICRON-R f/2 50mm

with lens hood . . . . . 11 228



26891-111

11 875

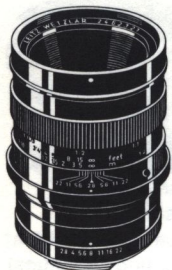
### SUMMILUX®-R f/1.4 50mm

Ultra-fast lens  
 Angle of view: 45°  
 Number of elements: 7  
 Filter size: 7  
 External lens mount diameter: A 51  
 Combined „feet-metre“ scale  
 Fully automatic spring-back diaphragm  
 Pre-set click stops (including 1/2 values)  
 Smallest aperture: f/16  
 Focusing range: ∞ to 0.5m (20")  
 Smallest object field:  
 180 x 270mm (7 1/4 x 10 3/4")  
 Non-rotating focusing mount  
 Black finish  
 Locking lens hood for the use of Series  
 7 filters and 7 polarizing filters

Code No.

### SUMMILUX-R f/1.4 50mm

with lens hood . . . . . 11 875



27665-111

11 203

## MACRO-ELMARIT®-R f/2.8 60mm

Universal lens for photography in the range from infinity to reproduction scale 1:1

Angle of view: 39°

Number of elements: 6

Filter size: 8

Adaption of the filters with the aid of the lens hood 12514

External lens mount diameter: A 63.7

Click stops (including 1/2 values)

Smallest aperture: f/22

Combined "feet-metre" scale, reproduction scales are also engraved  
Focusing range:

without 1:1 adapter: from ∞ to

27cm (10.8in) (reproduction scale 1:2)

with 1:1 adapter: from reproduction scale 1:2 to 1:1 (from 27 to 24cm) (10.8 to 9.6in)

Fully automatic spring-back diaphragm, also with 1:1 adapter\*

Smallest object field:

without adapter: 48 x 72mm (1.9 x 2.9in)

with adapter: 24 x 36mm (0.9 x 1.4in)

Non-rotating focusing mount

Black finish

Built-on lens hood

	Code No.
<b>MACRO-ELMARIT-R f/2.8 60mm (without 1:1 adapter)</b> . . . . .	11 205
<b>1:1 adapter</b> . . . . .	14 198
<b>MACRO-ELMARIT-R f/2.8 60mm complete</b> . . . . .	11 203
Lens hood for same (necessary for filter adaptation) . . . . .	12 514
Leather case for the 1:1 adapter . . . . .	14 621

\* The 1:1 adapter can be attached and locked only with the lens diaphragm closed. This setting is indicated by additional symbols. Wrong attachment is prevented by a locking device.



25566-11

11 239

### ELMARIT-R f/2.8 90mm

Universal lens of long focal length

Angle of view: 27°

Number of elements: 5

Filter size: 7

Retaining ring for Series 7 filters

External lens mount diameter: A 65

Combined „feet-metre“ scale

Fully automatic spring-back diaphragm

Pre-set click stops (including 1/2 values)

Smallest aperture: f/22

Focusing range: ∞ to 0.7m (28")

Smallest object field:

140 x 210mm (7 3/4 x 8 1/2")

Non-rotating focusing mount

Black finish

Built-on, extensible lens hood

Code No.

ELMARIT-R f/2.8 90mm . . . . . 11 239



26928-111

11 219

### SUMMICRON-R f/2 90mm

Fast reportage lens

Angle of view: 27°

Number of elements: 5

Filter size: 7

Retaining ring for Series 7 filters

External lens mount diameter: A 70

Combined „feet-metre“ scale

Fully automatic spring-back diaphragm

Pre-set click stops (including 1/2 values)

Smallest aperture: f/16

Focusing range: ∞ to 0.7m (28")

Smallest object field:

144 x 216mm (5 3/4 x 8 3/4")

Non-rotating focusing mount

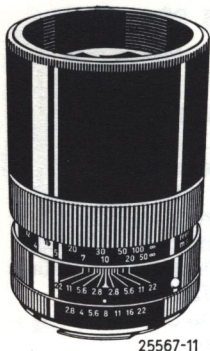
Black finish

Built-on, extensible lens hood

Code No.

SUMMICRON-R f/2 90mm . . . . . 11 219





25567-11

11 211

## ELMARIT-R f/2.8 135mm

Telephoto lens

Angle of view: 18°

Number of elements: 5

Filter size: 7

Retaining ring for Series 7 filters

External lens mount diameter: A 65

Combined "feet-metre" scale

Fully automatic spring-back diaphragm

Pre-set click stops (including 1/2 values)

Smallest aperture: f/22

Focusing range: ∞ to 1.5m (5ft)

Smallest object field:

220 x 330mm (8 3/4 x 13 1/4")

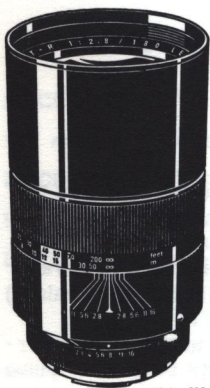
Non-rotating focusing mount

Black finish

Built-on, extensible lens hood

Code No.

ELMARIT-R f/2.8 135mm . . . . . 11 211



25786-111

11 919

## ELMARIT-R f/2.8 180mm

Extreme telephoto lens

Angle of view: 14°

Number of elements: 5

Filter size: 8

Retaining ring for Series 8 filters

External lens mount diameter: A 78

Combined "feet-metre" scale

Fully automatic spring-back diaphragm

Pre-set click stops (including 1/2 values)

Smallest aperture: f/16

Focusing range: ∞ to 2m (6ft 8in)

Smallest object field:

213 x 320mm (8 1/2 x 12 3/4")

Non-rotating focusing mount

1/4" tripod thread

Black finish

Built-on, extensible lens hood

Code No.

ELMARIT-R f/2.8 180mm . . . . . 11 919



28480-111

11 224

## **VARIO-ELMAR-R**

**f/4.5 80-200mm**

(only for the LEICAFLEX SL 2)

Lens of variable focal length

Angle of view:  $30^{\circ}$  -  $12^{\circ}$

Number of elements: 14

Filter size: 55mm screw-in filters  
(M 55 x 0.75)

Fully automatic pre-set diaphragm with  
click-stops (including half-values)

Smallest aperture: f/22

Focusing range:  $\infty$  - 1.8m

Smallest object field:

80mm focal length: 415 x 516mm  
(about 16.5 x 24.5in)

200mm focal length: 173 x 252mm  
(7 x 10in)

Maximum reproduction scale:

80mm focal length: 1 : 17.5 (0.057 x)

200mm focal length: 1 : 7.3 (0.13 x)

Focusing tube adjusts both focal length  
and distance

Combined "feet-metre" scale

Black finish

Built-on extensible lens hood

**VARIO-ELMAR-R f/4.5 80-200mm**

Code No.

with lens hood . . . . . 11 224

### **For use on the VARIO-ELMAR-R f/4.5 80-200mm:**

Achromatic front lens by MINOLTA, type 0 for extending the focusing  
range from 0.86 to 1.28m (about 35 to 51in)

Object field 70 x 102mm to 302 x 445mm ( $2\frac{7}{8}$  x  $4\frac{1}{8}$ in to 12 x  $17\frac{7}{8}$ in)

MINOLTA Code No. 1475



26969-111

11 920

## TELYT®-R f/4 250mm

Telephoto lens

Angle of view: 10°

Number of elements: 6

Filter size: 8

Retaining ring for Series 8 filters

External lens mount diameter: A 78

Combined "feet-metre" scale

Fully automatic spring-back diaphragm

Pre-set click stops (including 1/2 values)

Smallest aperture: f/22

Focusing range: ∞ to 4.5m (15ft)

Smallest object field:

368 x 552mm (14 1/4 x 22")

Non-rotating focusing mount

1/4" tripod thread

Black finish

Built-on, extensible lens hood

Code No.

TELYT-R f/4 250mm . . . . .

11 920

All lenses from 21 to 250mm focal length (except ELMARIT-R f/2.8 24mm and VARIO-ELMAR-R f/4.5 80-200mm) can be used on the LEICAFLEX with external exposure measurement.

ZOOM ANGENIEUX f/2.8 45-90mm: details on request.



29070-111

11 240

## APO®-TELYT-R f/3.4 180mm

Special lens of extended spectral range

Angle of view: 14°

Number of elements: 7

Filter size: 7.5

Fully automatic pre-set diaphragm with click-stops (including 1/2 values)

Smallest aperture: f/22

Focusing range: ∞ - 2.5m (8ft 4")

Smallest object field:

276 x 414mm (11 x 16.6")

Non-rotating focusing mount

Black finish

Built-on, extensible lens hood

Internal thread: M 59 x 0.75

Weight: 0.750 kg

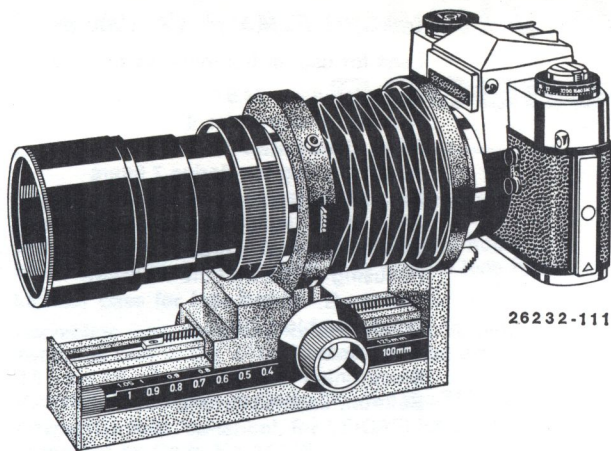
Code No.

APO-TELYT-R f/3.4 180mm . . . . .

11 240

Replacement lens cover . . . . .

14 089



26232-111

### Focusing bellows-R

**Very robust variable extension for continuous focusing** in association with the LEICAFLEX. Maximum extension 100mm.

With the **MACRO-ELMAR f/4 100mm** special lens exposures within the range from  $\infty$  to 1:1.

In addition the following reproduction scales can be obtained with the **ordinary LEICAFLEX lenses**:

- |   |  |
|---|--|
| with SUMMICRON-R f/2 50mm                             | from 1 : 1.25 – 3 : 1<br>(object sizes from 30 x 45mm – 8 x 12mm)      |
| with ELMARIT-R f/2.8 90mm<br>and SUMMICRON-R f/2 90mm | from 1 : 2.1 – 1.8 : 1<br>(object sizes from 50 x 75mm – 13.4 x 20mm)  |
| with ELMARIT-R f/2.8 135mm                            | from 1 : 3.2 – 1.2 : 1<br>(object sizes 77 x 115mm – 20 x 30mm)        |
| with ELMARIT-R f/2.8 180mm                            | from 1 : 4.4 – 1 : 1.1<br>(object sizes 105 x 158mm – 26.5 x 39.6mm)   |
| with TELYT-R f/4 250mm                                | from 1 : 6 – 1 : 1.6<br>(object sizes 142.8 x 214.2mm – 37.9 x 56.8mm) |

**LEICA lenses** can be used in conjunction with ring 14 127 or 14 167.

**PHOTAR lenses** attachable with adapter rings, Code Nos. 500 935 and 542 185.

**Rotating scale carrier** with engraved reproduction scales for 90, 100, and 135mm LEICAFLEX lenses. Additional mm scale, length 100mm.

**Additional clamping adjustment** for the maintenance of a given reproduction scale.

**The lens diaphragm is closed** to the pre-selected value through a twin cable release or pressure on the sliding button (**spring-back diaphragm**).

Code No.

**Alternative horizontal and vertical camera position**  
**Tripod threads**  $\frac{1}{4}$ " and  $\frac{3}{8}$ ".

**Focusing bellows-R** (without lens) . . . . . 16 860



26917 - 111

11 230

### MACRO-ELMAR® f/4 100mm

Lens for use on the focusing bellows-R

Angle of view: 24.5°

Number of elements: 4

Filter size: Series 7

Retaining ring for Series 7 filters

External lens mount diameter: A 65

Click stops (including 1/2 values)

Smallest aperture: f/22

Focusing range with the focusing bellows-R: ∞ to 1:1

Smallest object field:

24 x 36mm (1 x 1 1/2")

Black finish

Built-on, extensible lens hood

Code No.

<b>MACRO-ELMAR f/4 100mm</b>	. . . . .	11 230
Twin cable release	. . . . .	16 494

### Adapter ring for the focusing bellows-R



16 863

27008-111

suitable for use with

**ELMAR f/3.5 65mm lens** (∞ to 1.5:1)

**Lens unit of the ELMARIT f/2.8 90mm** (∞ to 1.1:1)

**Lens unit of the TELE-ELMAR f/4 135mm** (∞ to 1:1.3)

<b>Adapter ring</b>	. . . . .	16 863
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# LEICAFLEX accessories

	Code No.
<b>Ever-ready case</b> for the LEICAFLEX with external exposure measurement, with f/2.8 35mm or f/2 50mm lens with lens hood with f/2.8 28mm or f/1.4 50mm lens without lens hood . . .	14 556
<b>Leather case for lens hood</b> . . . . .	14 621
<b>Correction lens</b> , spherical for LEICAFLEX SL <b>only</b> . . . . .	14 118
Available only in the + or - values (please state on order) 0.5 - 1 - 1.5 - 2 - 3 dioptres. (Correction lens mount Code No. 42-655.815-6)	
<b>Correction lens</b> , spherical, for LEICAFLEX SL 2 <b>only</b> , otherwise as Code No. 14 118 . . . . .	14 199



14 183

27979-120

<b>Twin flash socket cover</b> (replacement) . . . . .	14 183
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**Cable releases**

14 067



5543-12

Cable release, length 25cm (10") with arresting screw . . .	14 067
Cable release, length 50cm (20") with arresting screw . . .	14 076



14 092

26936 - 120

14 130

<b>Carrying strap</b> with non-slip pad, adjustable (replacement)	14 092
<b>Universal handgrip</b> with shoulder stock . . . . .	14 188
<b>Carrying strap</b> with anti-slip pad, for heavy equipment, with two tripod screws, 1/4" thread . . . . .	14 130



14 159

26916 - 111



28284-120

<b>Ring combination for the near-focusing range with semiautomatic spring-back diaphragm</b>	
Two-part ring (25mm height) . . . . .	14 158
Middle ring (25mm height) for the extension of the repro- duction range, 1 off . . . . .	14 135

<b>Combination complete</b> . . . . .	14 159
on the SUMMICRON-R 50mm	reproduction scale 1.1 : 1
on the ELMARIT-R 90mm	reproduction scale 1 : 1.3
on the ELMARIT-R 135mm	reproduction scale 1 : 2.1

## Near-focusing attachments



16 531

25570-12

ELPRO VI a	for the R f/2 50mm lens . . . . .	16 531
	50-31cm (object to film plane)	
	41-21cm (object to front lens)	
	184 x 276mm - 91 x 137mm	
	(object fields)	
ELPRO VI b	for the R f/2 50mm lens . . . . .	16 532
	30-24cm (object to film plane)	
	21-14cm (object to front lens)	
	94 x 141mm - 62 x 93mm	
	(object fields)	
ELPRO VII a	for the 90mm lenses . . . . .	16 533
	74-44cm (object to film plate)	
	61-30cm (object to front lens)	
	161 x 241mm - 73 x 109 mm	
	(object fields)	
ELPRO VII b	for the 135mm lens . . . . .	16 534
	150-85cm (object to film plane)	
	135-68cm (object to front lens)	
	237 x 355mm - 107 x 160mm	
	(object fields)	
ELPRO VII a	for the 135mm lens . . . . .	16 533
	76-59cm (object to film plane)	
	61-42cm (object to front lens)	
	107 x 160mm - 66 x 99mm	
	(object fields)	
<b>Leather case</b>	for one ELPRO attachment . . . . .	14 553



14 186

27206 - 111



14 167

27581-111

<b>90° Angle viewfinder</b> , right-way-round, upright image . . . . .	14 186
<b>Adapter</b> for LEICA lenses of the VISOFLEX II/III	
on the LEICAFLEX SL or SL 2 . . . . .	14 167
<b>Adapter</b> for LEICA lenses of the VISOFLEX II/III	
(stop simulation for the LEICAFLEX with external exposure	
measurement) . . . . .	14 127

# Filters



	Series filter <b>6</b>	Series filter <b>7</b>	Series filter <b>8</b>	Series filter <b>8.5</b>
<b>Yellow</b>	13 013	13 006	13 019	13 022
<b>Yellow-green</b>	13 014	13 007	13 021	
<b>Orange</b>	13 011	13 008	13 017	13 023
<b>UV absorbing (Colourless)</b>	13 012	13 009	13 018	13 024
<b>Circular Pol</b>		13 370 *	13 372 **	
<b>Retaining Ring (replacement)</b>	14 160	14 161	14 165	

### Code No.

Circular pol filter for f/2.8 35mm*** and f/2 50mm lenses	13 353
Polarizing filter for f/2 50mm lens . . . . .	13 358
Circular pol filter for 90, 100, and 135mm lenses . . . . .	13 354
Polarizing filter for 90, 100, and 135mm lenses . . . . .	13 359

### Lens caps (replacement)

for SUPER-ANGULON-R f/4 21mm (A 75) . . . . .	14 145
for ELMARIT-R f/2.8 28mm, SUMMICRON-R f/2 35mm SUMMILUX f/1.4 50mm (A 51) . . . . .	14 172
for PA-CURTAGON-R f/4 35mm (A 63.7) . . . . .	14 184
for SUMMICRON-R 90mm (A 70) . . . . .	14 144
for ELMARIT-R 90 and 135mm lenses (A 65) . . . . .	14 089
for ELMARIT 180mm and TELYT 250mm lenses (A 78) . . . . .	14 166
for TELYT f/6.8 400mm (A 78) . . . . .	14 152
for TELYT-R f/6.8 560mm and f/5.6 400mm (A 98) . . . . .	14 140
for TELYT f/5.6 560mm (A 120) . . . . .	14 141

\* Suitable only for: ELMARIT-R 28mm  
ELMARIT-R 35mm from No. 2517 851  
SUMMICRON-R 35mm  
SUMMILUX-R 50mm  
TELYT-R f/6.8/400mm and 560mm  
LEICINA-SUPER and RT 1

\*\* Suitable only for: ELMARIT-R f/2.8 24mm  
PA-CURTAGON-R 35mm  
MACRO-ELMARIT-R 60mm  
ELMARIT-R 180mm  
TELYT-R 250mm  
TELYT-R 400mm (with adapter 14 165)

\*\*\* Use filters Series 7 (Code No. 13 370) from No. 2517 851



<b>Rear cover R-bayonet for f/3.4 21mm lens</b> . . . . .	14 106
<b>Rear cover R-bayonet for all other lenses</b> . . . . .	14 162
<b>Rear cover for lens unit TELYT f/5.6 400mm and f/5.6 560mm (replacement)</b> . . . . .	14 150



26930 - 111

14 162



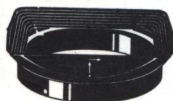
26925 - 111

14 103

<b>Camera cover R-bayonet</b> . . . . .	14 103
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**Lens hood covers**

for f/2.8 35mm and f/2 50mm lenses (A 54) (replacement)	14 163
for the f/3.4 21mm lens	14 107
for the f/1.4 50mm lens (A 51)	14 171
<b>Lens hood for f/3.4 21mm lens (replacement)</b>	12 511



26929 - 111

12 506

<b>Lens hood for the f/4 21mm lens (replacement)</b>	12 506
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27004-111

12 509

<b>Lens hood for the f/2.8 28mm, f/2 35mm and f/2 35mm lenses (replacement) (f/2.8 35mm from No. 2517 851)</b>	12 509
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27006-111

12 514

<b>Lens hood for the PA-CURTAGON f/4 35mm lens (replacement) and for the MACRO-ELMARIT f/2.8 60mm</b>	12 514
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26926 - 111

12 564

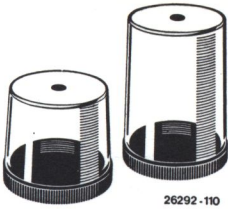
<b>Lens hood for the R f/2.8 35mm and f/2 50mm R lenses (replacement) (f/2.8 35mm up to No. 2517 850)</b>	12 564
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27005-111

12 508

<b>Lens hood for the f/1.4 50mm lens (replacement)</b>	12 508
<b>Leather case for lens hood 12 508 or 12 509</b>	14 621



26292-110

	Code No.
<b>Containers for</b>	
f/2.8 35mm and f/2 50mm lenses . . . . .	14 616
f/2.8 90mm and f/1.4 50mm lenses . . . . .	14 618
135mm lens . . . . .	14 619
Series 6 filters (replacement) . . . . .	14 612
Series 7, 8 filters and polarizing filters (Code Nos. 13 358 and 13 359) (replacement) . . . . .	14 614
Round container for Series 8.5 filters (replacement) . .	14 626

## Holdall combination case



25648-12

External dimensions about 30 x 12.5 x 18.5cm (12 x 5 x 7.4in)

### with insert III filter for:

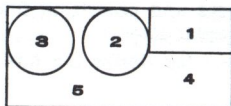
1 = 1 LEICAFLEX  
with 35mm or 50mm lens with lens  
hood and caps in position.

2 = 1 135mm lens coupled with  
1 50mm lens with lens hood and  
caps, or 1 180mm lens with caps,  
or 1 250mm lens with caps.

3 = 1 90mm lens, coupled with 1 35mm or 50mm lens,  
with lens hood and caps.

4 = 4 ELPRO near-focusing attachments in leather case.

5 = space for films and filters in containers.



14 819

25646-12

Code No.

Outfit complete . . . . . 14 809

Insert III separate . . . . . 14 819

Universal holdall case, case separate . . . . . 14 815

## Combination case



27977-111

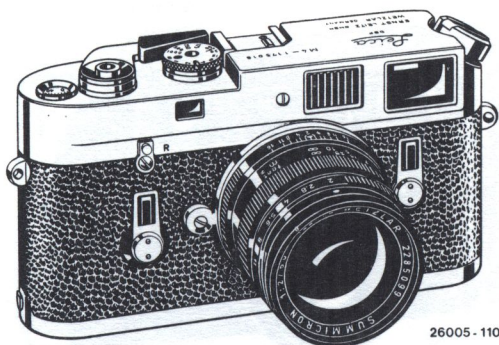
External dimensions: about 21x11.5x19cm (8.2x4.6x7.6in)

(Coupling ring: Code No. 028-855.002-000)

for LEICAFLEX with lens of focal length up to 135mm in  
position, up to 2 additional lenses depending on their  
length, films and filters . . . . . 14 824

# LEICA and lenses

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10 409

26005 - 110

## LEICA® M 4

Compact **all-metal body with hinged back** and eyelets for the carrying strap on each side, top and base plate chromium plated.  $\frac{1}{4}$ " tripod thread.

**Built-in bright line measuring viewfinder** for pin-sharp focusing.

Automatically reflected **image frames for 35, 50, 90, and 135mm focal length.**

**Automatic parallax compensation.**

**Finder frame selector.**

**Quick-change bayonet lens mount.**

**Shutter speed dial** with click stop setting, coupled with the LEICAMETER MR exposure meter when inserted in the accessory shoe.

**Focal-plane shutter**, speeds of 1,  $\frac{1}{2}$ ,  $\frac{1}{4}$ ,  $\frac{1}{8}$ ,  $\frac{1}{15}$ ,  $\frac{1}{30}$ ,  $\frac{1}{60}$ ,  $\frac{1}{125}$ ,  $\frac{1}{250}$ ,  $\frac{1}{500}$ ,  $\frac{1}{1000}$  sec, and time exposures of any duration.

**Automatic synchronization** for flashbulbs up to  $\frac{1}{500}$  sec, for electronic flash up to  $\frac{1}{50}$  sec.

**Separate standard coaxial sockets** for flashbulbs and electronic flash.

Adjustable **delayed-action mechanism** (self-timer).

**Rapid winding lever with double exposure lock** for the shutter winding mechanism coupled with the film transport.

**Swift re-loading system** for all 35mm films on the market and LEICA cassettes.

**Inclined crank handle** for the re-winding of the exposed film.

**Film counter**, under magnifier, **automatically** returning to 2 below 0 when the film is changed.

**Film indicator.**

Accessory shoe for special finders and other accessories.

**For use on the REPROVIT II a please consult us.**

Presentation case on request.

<b>LEICA M 4 body</b> . . . . .	10 400
<b>LEICA M 4 body, black</b> . . . . .	10 402
<b>LEICA M 4 – MOT body, black</b> with motor connection	10 401
<b>LEICA Motor</b> (also for M 2 – M) . . . . .	14 000
<b>LEICA M 4, chromium finish,</b>	
<b>with</b>	
<b>ELMAR f/2.8 50mm</b> . . . . .	10 405
<b>SUMMICRON f/2 50mm</b> . . . . .	10 409
<b>SUMMILUX f/1.4 50mm</b> . . . . .	10 408



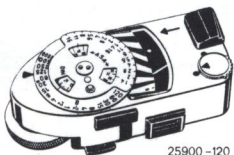
14 534

25784-120

**Ever-ready case** for LEICA M with all lenses of up to 50mm, with lens hood each (except 28mm lens hood and NOCTILUX f/1.2 50mm) and LEICAMETER exposure meter in position . . . . . 14 534

**Soft-leather ever-ready case** for the LEICA M 4 with all lenses of up to 50mm, with lens hood each (except 28mm lens hood and NOCTILUX f/1.2 50mm) and LEICAMETER exposure meter in position . . . . . 14 538

**Carrying strap** with anti slip pad, adjustable . . . . . 14 092



14 217

25900-120

**LEICAMETER® MR** exposure meter with photo-resistor: 2 measuring ranges, **measuring angle about 27°**, arresting device for pointer after measurement, with PX 625 \* Mallory battery . . . . . 14 217

ditto, black finish . . . . . 14 218

Leather case for same . . . . . 14 213

\* replacements of the battery obtainable from Messrs. Mallory.

# LEICA and lenses

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10 502  
11 114

27606-110

## LEICA® M 5

Compact **all-metal body with hinged back** and carrying eyelets on one side, top and baseplate silver or black chromium plated.  $\frac{1}{4}$ " tripod thread.

**Built-in bright-line viewfinder.**

**Long base range finder.**

Automatically reflected **image frames for 35, 50, 90, and 135mm focal lengths.**

**Automatic parallax compensation.**

**Finder frame selector.**

**Quick-change bayonet lens mount.**

**Selective light measurement through the lens.** Built-in CdS exposure meter. Measuring pointer and follow pointer visible in the viewfinder. Deflection of the measuring pointer can be influenced by adjustment of the lens diaphragm, follow pointer coupled with the film speed selector and the shutter-speed dial. Film speeds between 9 and 36 DIN (6 and 3,200 ASA). PX 625 Mallory battery (replacement from Messrs. Mallory).

**Measuring range 21 steps:** Times from 1/1000 to 30sec can be read off the shutter speed dial and in the viewfinder.

Automatic **switching-off of the exposure meter after shutter action** (switching-on by shutter winding).

**Battery test** (by means of the finder frame selector).

**Focal plane shutter\*** for speeds of 1/2, 1/4, 1/8, 1/15, 1/30, (1/50), 1/60, 1/125, 1/250, 1/500, 1/1000 sec (intermediate values can be continuously set) and time exposures of any duration.

**Automatic flash synchronization** for flashbulbs up to 1/500sec, for electronic flash units up to 1/50sec.

**Separate standard coaxial sockets** for bulb flash and electronic flash units.

**Accessory-shoe contact** (X flash contact).

Adjustable **delayed-action mechanism** (self-timer).

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\* Cold-proofing to  $-30^{\circ}\text{C}$  on request.

**Rapid-winding lever with double exposure lock** for the shutter winding mechanism coupled with film transport.

**Swift re-loading system;** removable swift-loading spool, for all commercially available 35mm films (**with or without trimmed leader**).

**Crank handle in the baseplate** for rewinding the exposed film (with **transport lock** when the handle is turned out).

**Film counter**, automatically zeroing when the baseplate is opened.

**Film indicator** in connection with a **calculating disc** for converting the associated shutter-speed/lens stop values during exposure measurement.

**Film plane index.**

**Carrying strap with anti-slip pad**, adjustable.

**Dimensions:** Height 86mm (3.4in), length 147mm (5.9in), depth 38mm (1.5in).

	Code No.
<b>LEICA M 5 body, silver chromium</b> . . . . .	10 501
<b>LEICA M 5 body, black chromium</b> . . . . .	10 502



**14 541**

27587-120

Soft-leader **ever-ready case** for the LEICA M 5 with all lenses of up to 50mm, with lens hood each (except with the 28mm and the 50mm NOCTILUX f/1.2 lenses) and 90mm TELE-ELMARIT f/2.8 without lens hood . . . . . **14 541**



**14 544**

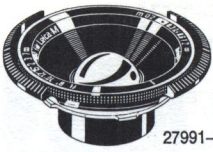
27980-110

**Ever ready case** (leather) for LEICA M 5 with all lenses of up to 50mm, with lens hood each (except 21mm, 28mm, NOCTILUX f/1.2 50mm and TELE-ELMARIT f/2.8 90mm) . **14 544**

**Carrying strap** with anti-slip pad, adjustable (replacement) **14 196**

**Film spool** for LEICA M 5 (replacement) . . . . . **14 192**

**Twin flash socket cover** (replacement) . . . . . **14 183**



27991-110

11 003

## HOLOGON® f/8 15mm

Lens of extremely wide angle of view

Angle of view: 110°

Number of elements: 3

Filter: graduated filter available

Fixed aperture: f/8

Combined "feet-metre" scale

Focusing range: ∞ to 0.2m (8in)

(Not coupled with the range-finder of the camera)

Special viewfinder is part of the lens equipment

Black finish

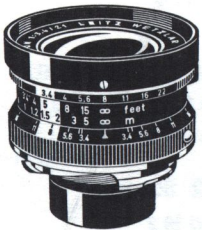
No through-the-lens exposure measurement possible

Code No.

## HOLOGON f/8 15mm

including 15mm special viewfinder and filter . . . . . 11 003

Graduated filter . . . . . 13 002



26281-110

11 103

## SUPER-ANGULON f/3.4 21mm\*

Lens of extremely wide angle of view

Angle of view: 92°

Number of elements: 8

Filter size: 7 or E 48

Series 7 filters must be inserted in the lens hood

External lens mount diameter: A 52.2

Combined "feet-metre" scale

Click stops (including 1/2 values)

Smallest aperture: f/22

Rangefinder coupling:

for LEICA M 2, M 4, and M 5:  
∞ to 0.7m (28")

for LEICA M 3: ∞ to 1m (40")

Manual focusing on M 3 down to 0.4m (16")

Smallest object field:

380 x 570mm (15 x 23" approx.)

Brilliant finder required

Non-rotating focusing mount

Black finish

Lens hood



26428 - 120

12 002

Code No.

SUPER-ANGULON f/3.4 21mm with lens hood . . . . . 11 103

Brilliant viewfinder . . . . . 12 002

Leather case for brilliant viewfinder . . . . . 14 617





11 801

27687-110

**ELMARIT f/2.8 28mm \***

Lens of wide angle of view

Angle of view: 76°

Number of elements: 8

Filter size: 7 or E 48

Series 7 filters must be inserted in the lens hood

External lens mount diameter: A 52.5

Combined "feet-metre" scale

Click stops (including 1/2 values)

Smallest aperture: f/22

Rangefinder coupling:

for LEICA M 2, M 4 and M 5:

∞ to 0.7m (28")

for LEICA M 3: ∞ to 1m (40")

Manual focusing on M 3 down

to 0.7m (28")

Smallest object field:

533 x 800mm (21 x 32")

Brilliant finder required

Non-rotating focusing mount

Black finish

Lens hood



12 007

.26922 - 120

	Code No.
<b>ELMARIT f/2.8 28mm with lens hood</b> . . . . .	11 801
<b>Brilliant viewfinder</b> . . . . .	12 007
<b>Leather case for brilliant viewfinder</b> . . . . .	14 617



27989-110

11 309

**SUMMICRON® f/2 35mm**

for LEICA M 5, M 4 and M 2

Fast wide-angle lens

Angle of view: 64°

Number of elements: 6

Filter size: 7 or E 39

External lens mount diameter: A 42

Combined "feet-metre" scale

Click stops (including 1/2 values)

Smallest aperture: f/16

Rangefinder coupling: ∞ to 0.7m (28")

Smallest object field:

430 x 640mm (17 x 26" approx.)

Built-in camera finder

Non-rotating focusing mount

Black finish

Lens hood also accommodates filters

	Code No.
<b>SUMMICRON f/2 35mm</b>	
for LEICA M 5, M 4 and M 2, with lens hood . . . . .	11 309



26003-110

11 870

## SUMMILUX® f/1.4 35mm

Ultra-fast wide-angle lens

Angle of view: 64°

Number of elements: 7

Filter size:

E 41 (up to Serial No. 2 166 700)

7 (from Serial No. 2 166 701)

External lens mount diameter:

A 46.5 (up to Serial No. 2 166 700)

A 42 (from Serial No. 2 166 701)

Combined "feet-metre" scale

Click stops (including 1/2 values)

Smallest aperture: f/16

Rangefinder coupling:

for LEICA M 2, M 4, and M 5:

∞ to 1m (40")

for LEICA M 3 (with viewfinder front

attachment): ∞ to 0.65m (26")

Smallest object field:

M 2, M 4, and M 5:

630 x 950mm (24 x 38")

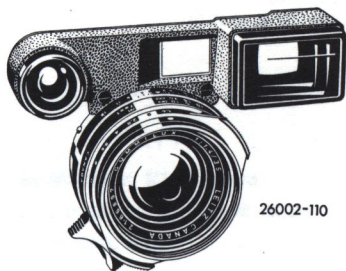
M 3: 390 x 590mm (15 1/2 x 23 1/2" approx.)

Built-in camera finder

Non-rotating focusing mount

Black finish

Lens hood also accommodates filters  
from Serial No. 2 166 701



26002-110

11 871

## SUMMILUX f/1.4 35mm

for LEICA M 5, M 4, and M 2 with lens hood . . . . . 11 870

for LEICA M 3 with viewfinder front attachment,  
lens hood . . . . . 11 871

Code No.



29077-110

11 821

## NOCTILUX® f/1 50mm

Special lens of extreme speed

Angle of view: 45°

Number of elements: 7

Filter size: E 58

External lens mount diameter: A 61

Click-stops (including 1/2 values)

Smallest aperture: f/16

Rangefinder coupling: ∞ to 1m (40")

Smallest object field:

410 x 620mm (16 x 25" approx.)

Combined "feet-metre" scale

Built-in camera finder

Non-rotating focusing mount

Black finish

Lens hood

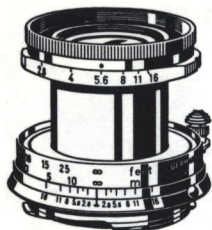
Internal thread: M 58 x 0.75

Weight: 0.580 kg

## NOCTILUX f/1 50mm

with lens hood . . . . . 11 821

Code No.



25693-11

11 112

## ELMAR f/2.8 50mm\*

Standard lens

Angle of view: 45°

Number of elements: 4

Filter size: E 39

External lens mount diameter: A 42

Combined "feet-metre" scale

Click stops

Smallest aperture: f/16

Rangefinder coupling: ∞ to 1m (40")

Smallest object field:

410 x 620mm (16 x 25" approx.)

Built-in camera finder

Collapsible lens mount

Code No.

## ELMAR f/2.8 50mm

in container . . . . . 11 112



12 585

25058-12

Lens hood . . . . . 12 585



26211-110

11 817

## SUMMICRON f/2 50mm

Fast universal lens

Angle of view: 45°

Number of elements: 6

Filter size: E 39

External lens mount diameter: A 42

Combined "feet-metre" scale

Click stops (including 1/2 values)

Smallest aperture: f/16

Rangefinder coupling: ∞ to 0.7m (28")

On LEICA M 3: ∞ to 1m (40")

Smallest object field:

277 x 316mm (11 x 16 1/2" approx.)

(on M 5, M 4, and M 2)

410 x 620mm (16 x 25" approx.) (on M 5)

Built-in camera finder

Non-rotating focusing mount

Lens unit can be unscrewed from mount

Lens hood

Black finish

Code No.

## SUMMICRON f/2 50mm

in container, with lens hood . . . . . 11 817



26430-110

11 114

## SUMMILUX f/1.4 50mm

Ultra-fast lens

Angle of view: 45°

Number of elements: 7

Filter size: E 43

External lens mount diameter: A 45

Click stops (from Serial No. 2048701 including 1/2 values)

Smallest aperture: f/16

Rangefinder coupling: ∞ to 1m (40")

Smallest object field:

410 x 620mm (16 x 25" approx.)

Combined "feet-metre" scale

Built-in camera finder

Non-rotating focusing mount

Black finish

Lens hood

Code No.

## SUMMILUX f/1.4 50mm

in container, with lens hood . . . . . 11 114

Lens cap, black . . . . . 14 123



25875-110

11 820

## NOCTILUX® f/1.2 50mm

Special lens of maximum speed

Angle of view: 45°

Number of elements: 6; novel system with aspherical lenses

Filter size: 8

External lens mount diameter: A 52.5

Click stops (including 1/2 values)

Smallest aperture: f/16

Rangefinder coupling: ∞ to 1m (40")

Combined "feet-metre" scale

Built-in camera finder

Non-rotating focusing mount

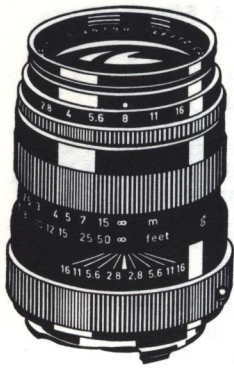
Black finish

Lens hood also accommodates filters

Code No.

## NOCTILUX f/1.2 50mm

in container, with lens hood . . . . . 11 820



28482-111

11 800

**TELE-ELMARIT f/2.8 90mm  
(short design)**

Handy press and snapshot lens  
 Angle of view: 27°  
 Number of elements: 4  
 Filter size: E 39  
 External lens mount diameter: A 42  
 Smallest aperture: f/16  
 Click stops (including 1/2 values)  
 Rangefinder coupling: ∞ to 1m (40")  
 Smallest object field:  
 220 x 330mm (9 x 13" approx.)  
 Combined "feet-metre" scale  
 Non-rotating focusing mount  
 Built-in camera finder  
 Lens unit cannot be unscrewed  
 Black finish

Code No.

**TELE-ELMARIT f/2.8 90mm**

in lens container, with lens hood . . . . . 11 800



26907 - 110

11 129

**ELMARIT f/2.8 90mm**

For press work and candid-action shots  
 Angle of view: 27°  
 Number of elements: 5  
 Filter size: E 39  
 External lens mount diameter: A 42  
 Smallest aperture: f/22  
 Click stops  
 Rangefinder coupling: ∞ to 1m (40")  
 Smallest object field:  
 220 x 330mm (9 x 13" approx.)  
 Combined "feet-metre" scale  
 Lens unit can be unscrewed from  
 the mount  
 Built-in camera finder  
 Black finish  
 Non-rotating focusing mount

Code No.

**ELMARIT f/2.8 90mm**

in container, with lens hood . . . . . 11 129



11 026

26966 - 110

**ELMARIT f/2.8 90mm  
Lens unit separate**

for use on the VISOFLEX II, III or universal focusing  
 bellows (with lens hood) . . . . . 11 026



25866-110

## SUMMICRON f/2 90mm

Fast lens for press work

Angle of view: 27°

Number of elements: 6

Filter size: E 48

External lens mount diameter: A 63.7

Click stops (including 1/2 values)

Smallest aperture: f/22

Combined "feet-metre" scale

Rangefinder coupling: ∞ to 1m (40")

Smallest object field:

220 x 330mm (9 x 13" approx.)

Non-rotating focusing mount

Lens unit can be unscrewed from the mount

Built-in camera finder

Built-on, extensible lens hood

Black finish

11 123

Code No.

**SUMMICRON f/2 90mm** . . . . . 11 123

Accessories for use on the VISOFLEX II/III:

**Short mount** for conversion of a rangefinder-coupled lens for use on the VISOFLEX II, III (also suitable for ELMARIT 135mm) . . . . . 16 462

**SUMMICRON f/2 90mm lens unit separate** for use on the universal focusing bellows . . . . . 11 133

## TELE-ELMAR f/4 135mm

Telephoto lens

Angle of view: 18°

Number of elements: 5

Filter size: E 39

External lens mount diameter: A 42

Click stops (including 1/2 values)

Smallest aperture: f/22

Rangefinder coupling: ∞ to 1.5m (60")

Smallest object field:

220 x 330mm (9 x 13" approx.)

Combined "feet-metre" scale

Lens unit can be unscrewed from the mount

Viewfinder:

LEICA M 5, M 4, and M 3 built into the camera

LEICA M 2 brilliant finder required

Non-rotating focusing mount

Black finish



11 851

	Code No.
<b>TELE-ELMAR f/4 135mm</b>	
in container, with lens hood . . . . .	11 851
<b>Brilliant finder</b> (necessary for LEICA M 2) . . . . .	12 030
Leather case for finder . . . . .	14 630
<b>TELE-ELMAR f/4 135mm lens unit separate</b>	
for use on the universal focusing bellows and VISOFLEX II/III . . . . .	11 852

**ELMARIT f/2.8 135mm  
with viewfinder front  
attachment**

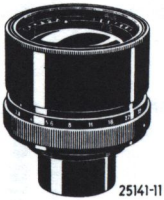


Fast telephoto lens  
 Angle of view: 18°  
 Number of elements: 5  
 Filter size: 7  
 Retaining ring for Series 7 filters  
 External lens mount diameter: A 63.7  
 Click stops (including 1/2 values)  
 Smallest aperture: f/32  
 Rangefinder coupling: ∞ to 1.5m (60")  
 Smallest object field:  
 220 x 330mm (9 x 13" approx.)  
 Combined "feet-metre" scale  
 Lens unit can be unscrewed from  
 the mount  
 Built-in camera finder  
 Non-rotating focusing mount  
 Black finish  
 Built-on, extensible lens hood

11 829

Code No.

ELMARIT f/2.8 135mm . . . . . 11 829



11 828

ELMARIT f/2.8 135mm lenses unit separate  
 for use on the universal focusing bellows . . . . . 11 828

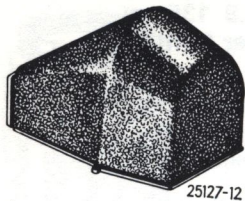


16 462

Accessories for use on the VISOFLEX II/III:

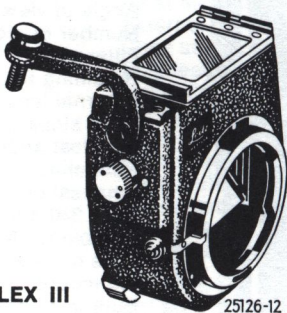
Short mount for conversion of a rangefinder-coupled  
 lens for use on the VISOFLEX II, III (also suitable for  
 SUMMICRON 90mm) . . . . . 16 462





25127-12

16 499



25126-12

16 497

**VISOFLEX III**

**VISOFLEX® III\***

**Mirror reflex device** for lenses from 65 to 560mm and universal focusing bellows II. Three possibilities of varying the mirror operation:

1. Instant return shortly before shutter release (adjustable)
2. Coupled with the lever operation.
3. Arrest of raised mirror (for long exposure times).

In the settings 1 and 2 the mirror returns to its rest position after the exposure.

**Cable release bush.**

**Right-angle right-way-round 4 x viewing magnifier.**

**Vertical 5 x magnifier (reversed image)**, adjustable for the correction of deficient eyesight from + 1.75 to -2.5 dioptries. The magnifiers can be left in position when the camera body is interchanged.

1/4" tripod thread.

**VISOFLEX III**

Code No.

without magnifier . . . . . 16 497

4 x magnifier (90°), also for VISOFLEX II . . . . . 16 499

VISOFLEX III with 4 x magnifier, complete . . . . . 16 498



16 461

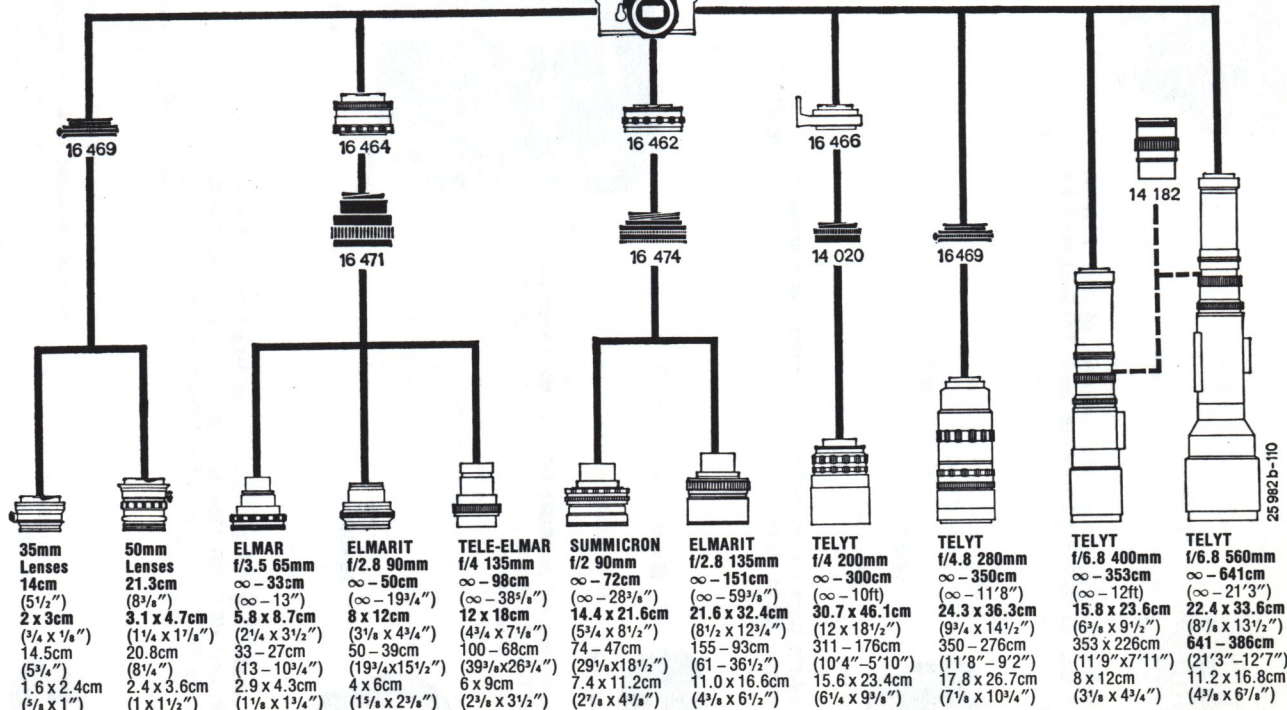
5 x magnifier (vertical), also for VISOFLEX II . . . . . 16 461

\* Cannot be used on the LEICA CL.

# The versatile possibilities of



# the VISOFLEX III



subject-to  
-film-plane

dimensions  
of the  
smallest  
object field

**Blod type** = normal working range

**Lean type** = black intermediate rings necessary for the macro or close-up range

**Format** = dimensions of the field at minimum focusing distance



16 464

27207-120

Universal focusing mount for the use of the **ELMAR f/3.5 65mm**, **ELMARIT f/2.8 90mm** and **TELE-ELMAR f/4 135mm** . . . . . 16 464



16 471

27208-120

Intermediate tube for extending the reproduction scale of the universal focusing mount . . . . . 16 471



16 474

26426-120

Extension ring for the **SUMMICRON f/2 90mm** and **ELMARIT f/2.8 135mm** in short mount (height 14.5mm) . 16 474



16 466

5553-12

Intermediate ring for the use of the **HEKTOR® 125mm**, **ELMAR**, and **HEKTOR 135mm** in short mount, **TELYT 200, 280** (Code No. 11 912) and **f/5 400mm** (normal focusing range) . . . . . 16 466



16 469

5679-12

Intermediate ring for the use of the **50mm** and **35mm\*** lenses on the VISOFLEX II, III . . . . . 16 469

\* For lenses with screw thread a bayonet adapter 14 097 is required.



26507-110

11 162

### ELMAR f/3.5 65mm

Universal lens of the shortest focal length for the VISOFLEX II, III

Angle of view: 36°

Number of elements: 4

Filter size: Series 6 (from No. 2378 901)

Retaining ring for Series 6 filters

External lens mount diameter: A 56

Pre-set diaphragm

Click stops (including 1/2 values)

Smallest aperture: f/22

Use on the VISOFLEX II, III:

with universal focusing mount

∞ to 33cm (13") = 1 : 2.5

with extension ring 16471

33-27cm (13 to 11" approx.) = 1 : 1.25

Black finish

Smallest object field:

30 x 45mm (1 1/4 x 1 3/4" approx.)

ELPRO VI b attachable

(ratios from 1 : 3.2 to 1 : 1.4)

### ELMAR f/3.5 65mm

Code No.

with built-on lens hood . . . . . 11 162



25948-110

11 124

### SUMMICRON f/2 90mm

for VISOFLEX II, III

Fast lens for press work

Angle of view: 27°

Number of elements: 6

Filter size: E 48

External lens mount diameter: A 63.7

Click stops (including 1/2 values)

Smallest aperture: f/22

Non-rotating focusing mount

Lens unit can be unscrewed from the mount

Use on the VISOFLEX II, III

from ∞ to 0.76m (30")

Smallest object field:

148 x 222mm (6 x 9" approx.)

Black finish

Built-on, extensible lens hood

Code No.

SUMMICRON f/2 90mm . . . . . 11 124

Accessories for use directly on the LEICA-M:

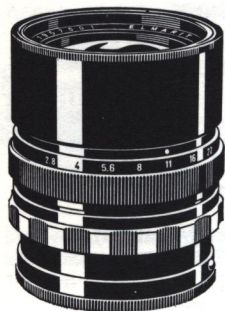
**Long mount with bayonet changer\*** . . . . . 14 019

for the conversion of a lens in short mount for the range-finder-coupled use on the LEICA

**Lens unit separate for the use on the universal focusing bellows** . . . . . 11 133

dto., with preset diaphragm . . . . . 11 132

\* please return lens to the factory.



25683-11

11 827

**ELMARIT f/2.8 135mm**

for VISOFLEX II, III

Fast telephoto lens

Angle of view: 18°

Number of elements: 5

Filter size: 7

Retaining ring for Series 7 filters

External lens mount diameter: A 63.7

Click stops (including 1/2 values)

Smallest aperture: f/32

Non-rotating focusing mount

Lens unit can be unscrewed from the mount

Use on the VISOFLEX II and III

from ∞ to 1.55m (62")

Smallest object field:

220 x 330mm (9 x 13" approx.)

ELPRO VII a and VII b attachable, ranges see page 27

Black finish

Built-on, extensible lens hood

Code No.

**ELMARIT f/2.8 135mm** . . . . . 11 827

**Lens unit separate** . . . . . 11 828



11 063

## TELYT f/4 200mm for VISOFLEX I, II, and III

Telephoto lens

Angle of view: 12°

Number of elements: 4

Filter size: E 58

External lens mount diameter: A 72

Pre-set diaphragm

Click stops (including 1/2 values)

Smallest aperture: f/22

Combined "feet-metre" scale

Non-rotating focusing mount

Scale rings chromium finished

Use on the VISOFLEX I, II\*, and III\*

from ∞ to 3m (10ft)

\* (with adapter ring 16 466)

Smallest object field:

310 x 460mm (12 1/4 x 18 1/4")

Black finish

Built-on, extensible lens hood

Code No.

TELYT f/4 200mm . . . . . 11 063



14 020

26427-120

**Intermediate ring 15mm** for photography in the near-  
focusing range . . . . . 14 020

1 ring – 3m to 1.7m (10' to 5' 8" approx.),  
smallest object field 156 x 234mm (6 1/4 x 9 1/2" approx.);

2 rings – 1.7m to 1.3m (5' 8" to 4' 4" approx.),  
smallest object field 106 x 159mm (4 1/4 x 6 1/2" approx.);

3 rings – 1.3m to 1.13m (4' 4" to 3' 9"),  
smallest object field 80 x 120mm (3 1/4 x 4 3/4" approx.).

(Data refer to the distance between object and film plane.)



11 069

25140-11

**Lens unit** separate for use on the universal focusing  
bellows . . . . . 11 069



27002-110

11 914

### TELYT f/4.8 280mm for VISOFLEX II and III

Telephoto lens

Angle of view: 8.5°

Number of elements: 4

Filter sizes: Series 8

Retaining ring for Series 8 filters

External lens mount diameter: A 76

Pre-set diaphragm

Click stops (including 1/2 values)

Smallest aperture: f/22

Combined "feet-metre" scale

Non-rotating focusing mount

Use on the VISOFLEX II and III

from ∞ to 3.5m (11' 8")

Smallest object field:

242 x 363mm (9 3/4 x 14 1/2")

Lens unit on the TELEVIT follow-focusing device

from ∞ to about 2m (6' 8")

Smallest object field:

approx. 100 x 150mm (4 x 6")

Black finish

Built-on, extensible lens hood

Code No.

TELYT f/4.8 280mm . . . . . 11 914



16 469

5679-12

Adapter ring 10mm for photography in the near-focusing range . . . . . 16 469

- 1 ring – 3.5 to 2.76m (11' 8" to 9' 2" approx.);  
smallest object field 178 x 267mm (7 1/4 x 10 3/4" approx.);
- 2 rings – 2.76m to 2.33m (9' 2" to 7' 5"),  
smallest object field 141 x 212mm (5 3/4 x 8 1/2");
- 3 rings – 2.33m to 2.06m (7' 5" to 6' 10"),  
smallest object field 117 x 176mm (4 3/4 x 7").

(Data refer to the distance between object and film plane.)



11 904

27003-110

Lens unit separate for use on the universal focusing bellows or on the TELEVIT follow-focusing device . . . . 11 904

Retaining ring for Series 8 filters (replacement) . . . . 14 169



26621a-111

11 966

**TELYT f/6.8 400mm**

for VISOFLEX II and III

Telephoto lens with follow-focusing device

Angle of view: 6°

Number of elements: 2

Filter size: Series 7 (in filter slot) or 8 with filter retainer 14 165

External lens mount diameter: A 78

Click stops (between f/8 and f/16 also 1/2 values)

Smallest aperture: f/32

Use on the VISOFLEX II/III from ∞ to 3.6m (12ft)

Smallest object field:

158 x 236mm (6 1/2 x 9 1/2" approx.)

Black finish

Built-on, extensible lens hood

Detachable shoulder stock

**TELYT f/6.8 400mm** consisting of:

	Code No.
Lens unit . . . . .	11 903
Tube . . . . .	11 905
Hand grip . . . . .	14 188
TELYT f/6.8 400mm complete . . . . .	11 966

**Recommended accessory:**

Heavy-duty carrying strap . . . . .	14 130
-------------------------------------	--------





27589-110

## TELYT f/6.8 560mm

For VISOFLEX II and III

Long-focal-length follow-focus lens

Angle of view:  $4.3^\circ$

Number of elements: 2

Filter size: Series 7 (in filter slot)

External lens mount diameter: A 98

Click stops

(between f/8 and f/16 also  $\frac{1}{2}$  values)

Smallest aperture: f/32

Use on the VISOFLEX II/III:

from  $\infty$  to 6.4m (21ft 4in)

Smallest object field:

224 x 336mm (9 x 13 $\frac{1}{2}$ in)

$\frac{1}{4}$  and  $\frac{3}{8}$ " tripod threads

Black finish

Built-on, extensible lens hood

Detachable shoulder stock

Code No.

### 560mm TELYT f/6.8 consisting of:

Lens unit . . . . .	11 907
Tube . . . . .	11 905
Hand grip . . . . .	14 188
TELYT f/6.8 560mm, complete . . . . .	11 864



14 182

27094 - 120

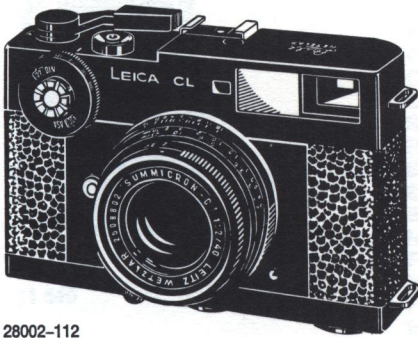
**Extension tube (60mm) for the 400mm and 560mm TELYT f/6.8 lenses, for extending the focusing range (close-up)**

14 182

### Recommended accessory:

Heavy-duty carrying strap . . . . . 14 130

# LEICA CL



10 700  
11 542

28002-112

## LEICA CL

Compact **all-metal body** with textured synthetic leather covering, base plate and back forming one unit to slip off after release of rotating base lock. Eyelets for carrying strap on one side; strap will hold base plate/back unit during film loading. Top and base plates have black anodized finish.  $\frac{1}{4}$ " tripod thread.

**Built-in bright-line viewfinder**, coupled with lens-changing mount.

**Built-in coupled rangefinder** for split-image and coincidence methods.

**Viewfinder frames for 40, 50, and 90mm lenses** come into view automatically.

**Automatic parallax compensation.**

**Well-tryed quick-change bayonet** for LEICA-M lenses.

**Selective light measurement through the lens.** Built-in CdS exposure meter. Shutter speeds and measuring pointer clearly visible in finder. Pointer zeroed by adjustment of iris diaphragm or shutter speed, coupled with film speed indicator for speeds between 15 and 33 DIN (25 to 1600 ASA). Mercury cell MALLORY PX 625 (or VARTA 7002) readily available from manufacturers.

**Measuring range:** 10 time steps and up to 7 f-stop steps, shutter speed settings from 1/1000 sec to 1/2 sec and B shown clearly in finder and on speed dial.

**Automatic switch-on of exposure meter** after winding of camera, with lever slightly out.

Meter **turns off automatically** after shutter release.

**Battery test button** on front panel of camera.

**Focal plane shutter** travels vertically at speeds 1/2, 1/4, 1/8, 1/15, 1/30, 1/60, 1/125, 1/250, 1/500, and 1/1000 sec, intermediate values except between 1/30 and 1/60 sec, and B.

**Automatic flash synchronization** via accessory shoe up to 1/60 sec (X-contact).

**Film counter** zeroing automatically on opening of camera back.

**Rapid-winding single-stroke lever** with double exposure lock, for shutter winding and film transport.

**Rewind crank** folded flush into camera base.

**Film type indicator** in camera base.

**Rapid easy-loading system** for all 35mm cartridges on the market, with or without trimmed leader.

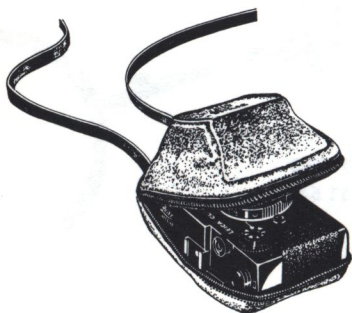
**Carrying strap** with non-slip pad, adjustable.

**Measurements:** 3" x 4 $\frac{3}{4}$ " x 1 $\frac{1}{4}$ " (76 x 121 x 32mm).

**Weight:** 13 ozs. (365 g.).

**LEICA CL Body** . . . . . 10 700

**Eveready Case**, soft zip-round black leather and openings for shoulder strap on fourth side, for LEICA CL complete with 40mm SUMMICRON-C . . . . . 14 542



11 542

28184-120

### SUMMICRON-C f/2 40mm

compact standard lens for the LEICA CL

Angle of view: 57°

Number of elements: 6

Filter size: 5.5 (36mm dia.)

(held by screw-in lens hood)

Combined "feet-metre" scale

Click stops: including half values

Smallest aperture: f/16

Rangefinder coupling: ∞ to 32" (0.8m)

Smallest object field:

434 x 651mm (17 x 25½")

Built-in camera finder

Non-rotating focusing mount

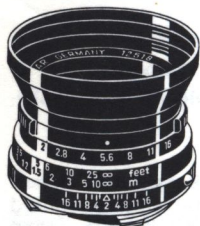
Flexible fold-over lens hood

in screw base M 39 x 0.75

Push-in lens cap (A 35.5) fits

into lens hood mount

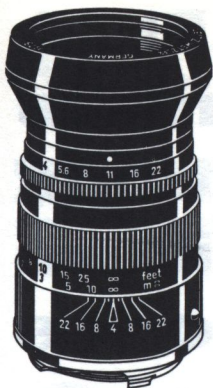
Black finish



28178-112

11 542

**SUMMICRON-C f/2 40mm with rear cover** . . . . . 11 542  
(not for use on LEICA M models)



28179-112

11 540

### ELMAR-C f/4 90mm

compact medium-focal-length lens  
Length: 61mm (2<sup>3</sup>/<sub>8</sub>" )

Maximum thickness: 51mm (2")

Angle of view: 27°

Number of elements: 6

Filter size: 5.5 (36mm dia.)

(held by screw-in lens hood)

Combined "feet-metre" scale

Click stops: including half values

Smallest aperture: f/22

Rangefinder coupling: ∞ to 1m (40")

Smallest object field:

220 x 330mm (8<sup>1</sup>/<sub>2</sub> x 12<sup>3</sup>/<sub>4</sub>" )

Built-in camera finder

Non-rotating focusing mount

Flexible fold-over lens hood

in screw base M39 x 0.75

Push-in lens cap (A 35.5) fits

into lens hood mount

Rear lens cover: M bayonet

Black finish

Code No.

**ELMAR-C f/4 90mm with rear cover** . . . . . 11 540  
(not for use on LEICA M models)



14 825

28183-120

#### Combination Case for LEICA CL accepting:

- 1 LEICA CL body
- 1 SUMMICRON-C 40mm
- 1 ELMAR-C 90mm

films and filters (one lens attached to body)  
size approx. 6<sup>3</sup>/<sub>4</sub>" x 6<sup>3</sup>/<sub>8</sub>" x 3<sup>1</sup>/<sub>2</sub>" (17 x 16 x 9cm) . . . . . 14 825

**Short wrist strap**, for use instead of neck strap . . . . . 14 197

**Correction lens** fitting onto finder eyepiece  
(please specify one of the following types:  
-1; -2; -3; + 0.5; + 1; + 1.5; + 2; or + 3 dptrs.) . . . . . 14 081

#### Accessories:

- Neck strap with non-slip pad . . . . . 14 194
- Lens hood for SUMMICRON-C 40mm . . . . . 12 518
- Lens hood for ELMAR-C 90mm . . . . . 12 517
- Lens cap A 35.5 to fit into lens hoods . . . . . 14 191
- Bayonet rear cover for C and M lenses . . . . . 14 051
- Bayonet camera dust cover . . . . . 14 195
- Soft leather bag for ELMAR-C 90mm . . . . . 14 543

# LEICA

## Viewfinders

## Lens hoods

## Filters

## Other Accessories

---

Code No.

### Brilliant finder

right-way-round, brilliant image.  
Reflected bright frame.



12 002

26428 - 120

### Brilliant finder for 21mm lenses

reproduction scale 0.3, black finish . . . . . 12 002

Leather case for same . . . . . 14 617



12 007

26922 - 120

### Brilliant finder for 28mm lenses

reproduction scale 0.5 with line marking for parallax compensation below about 2m (6' 8"), black finish . . . . . 12 007

Leather case for same . . . . . 14 617



12 015

**Brilliant finder for 50mm lenses**

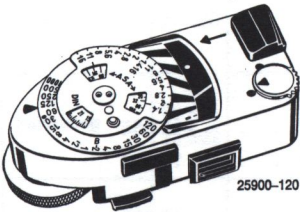
- object field at natural size, line markings for parallax compensation below about 2m (6' 8") . . . . . 12 015
- Leather case for same . . . . . 14 625



12 025

**Brilliant finder for 90mm lenses**

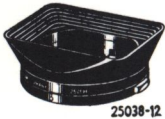
- object field at natural size, parallax compensation and marking for reduction of image field below about 2m (6' 8") 12 025
- Leather case for same . . . . . 14 630



14 217

- LEICAMETER MR** chromium finish . . . . . 14 217
- LEICAMETER MR** black finish . . . . . 14 218
- Leather case for the LEICAMETER . . . . . 14 213

## Lens hoods for:



12 501

25038-12

**SUPER-ANGULON f/3.4 21mm**and **ELMARIT f/2.8 28mm** (replacement) . . . . . 12 501

12 504

26924 - 120

**SUMMILUX f/1.4 35mm**

(replacement; from Serial No. 2 166 701 onwards) . . . . . 12 504

**SUMMICRON f/2 35mm 11 309** (replacement) . . . . . 12 504

12 585

25058-12

**All 50mm lenses**

of 42mm external lens mount diameter . . . . . 12 585

Cap for same (replacement) . . . . . 14 033

**SUMMILUX f/1.4 50mm** (replacement) . . . . . 12 586

Cap for same (replacement) . . . . . 14 037

**NOCTILUX f/1.2 50mm** (replacement) . . . . . 12 503

12 575

49980-12

**ELMARIT f/2.8 90mm, TELE-ELMARIT f/2.8 90mm, and TELE-ELMARIT f/4 135mm** of 42mm external lens

mount diameter (replacement) . . . . . 12 575

Cap for same (replacement) . . . . . 14 033

	E 39	E 41	E 43	E 48	E 58	Series filter 6	Series filter 7	Series filter 8
Screw-in filters (sizes see p. 64)								
Yellow	13 086	13 160	13 161	13 295	13 235	13 013	13 006	13 019
Yellow-green	13 096		13 171	13 305	13 245	13 014	13 007	13 021
Orange	13 101		13 176	13 310	13 250	13 011	13 008	13 017
Red (R)	13 116	13 190	13 191	13 315	13 255			
Infra-red (IR)	13 126	13 200	13 196	13 325				
U.Va. (colourless)	13 131	13 205	13 206	13 330	13 270	13 012	13 009	13 018
Blue	13 098		13 173	13 307				
Polarizing	(A 42) 13 352		(A 45) 13 351				*	**
							13 370	13 372
						Retaining ring (replacement)		
						14 160	14 161	14 169

Code No.

Polarizing filter for ELMAR f/3.5 65mm (11 162) . . . 13 358  
Polarizing filter for ELMARIT f/2.8 135mm (11 827) . . 13 359  
Retaining ring for Series 8 filters on the TELYT f/6.8 400mm 14 165

\* For use with: TELYT f/6.8 400mm  
TELYT f/6.8 560mm

\*\* For use only with: ELMARIT-R f/2.8 24mm  
PA-CURTAGON-R f/4 35mm  
MACRO-ELMARIT-R f/2.8 60mm  
ELMARIT-R f/2.8 180mm  
TELYT-R f/4 250mm  
TELYT-R f/6.8 400mm  
(with filter adapter 14 165)



### Filter sizes:

Examples: **A 36** = Slip-on filter, external lens mount diam. 36mm

**E 39** = Screw-in filter, thread diameter 39mm

7 = series filter size 7

Lens			Filter size
SUPER-ANGULON	f/3.4	21mm	E 48 or 7
SUPER-ANGULON	f/4	21mm	E 39
SUMMARON	f/5.6	28mm	A 36
ELMARIT	f/2.8	28mm	E 48 or 7
HEKTOR	f/6.3	28mm	A 36
SUMMILUX (up to Serial No. 2 166 700)	f/1.4	35mm	E 41
SUMMILUX (from Serial No. 2 166 701)	f/1.4	35mm	7
SUMMICRON (up to Serial No. 2 307 450)	f/2	35mm	E 39
SUMMICRON (from Serial No. 2 307 451)	f/2	35mm	7
SUMMARON	f/2.8	35mm	E 39
ELMAR	f/3.5	35mm	A 36
SUMMARON	f/3.5	35mm	A 36
(screw mount up to No. 1 423 140)			
SUMMARON	f/3.5	35mm	E 39
(screw mount from No. 1 423 141)			
SUMMARON (bayonet mount)	f/3.5	35mm	E 39
NOCTILUX	f/1.2	50mm	8
SUMMILUX	f/1.4	50mm	E 43
SUMMARIT®	f/1.5	50mm	E 41
SUMMITAR	f/2	50mm	E 36.5
SUMMICRON	f/2	50mm	E 39
SUMMAR®	f/2	50mm	A 36
HEKTOR	f/2.5	50mm	A 36
ELMAR	f/2.8	50mm	E 39
ELMAR (screw mount)	f/3.5	50mm	A 36
ELMAR (bayonet mount)	f/3.5	50mm	E 39
ELMAR	f/3.5	65mm	E 41
ELMAR (Code No. 11 162)	f/3.5	65mm	6
SUMMAREX®	f/1.5	85mm	E 58
SUMMICRON	f/2	90mm	E 48
ELMARIT	f/2.8	90mm	E 39
TELE-ELMARIT	f/2.8	90mm	E 39
ELMAR	f/4	90mm	A 36
(screw mount, below No. 1 573 001)			
ELMAR	f/4	90mm	E 39
(screw mount, above No. 1 573 000)			
ELMAR (bayonet mount)	f/4	90mm	E 39
HEKTOR	f/2.5	125mm	E 58
ELMAR	f/4.5	135mm	A 36
HEKTOR	f/4.5	135mm	A 36
(screw mount, below No. 1 416 001)			
HEKTOR	f/4.5	135mm	E 39
(screw mount, above No. 1 416 000)			
HEKTOR (bayonet mount)	f/4.5	135mm	E 39
ELMAR	f/4	135mm	E 39
TELE-ELMAR	f/4	135mm	E 39
ELMARIT	f/2.8	135mm	7
TELYT	f/4	200mm	E 58
TELYT	f/4.5	200mm	E 48
TELYT	f/4.8	280mm	E 58
TELYT (Code No. 11 914)	f/4.8	280mm	8
TELYT	f/5	400mm	E 85
TELYT	f/6.8	400mm	7
			or 8
TELYT	f/5.6	400mm	7
TELYT	f/5.6	560mm	7
TELYT	f/6.8	560mm	7

### Dimensions of the LEITZ filter threads:

E 39	M 39 x 0.5	E 48	M 48 x 0.75
E 41	M 41 x 0.5	E 58	M 58 x 0.75
E 43	M 43 x 0.5	E 85	M 85 x 0.75



14 031

5510-12

**Lens caps**

for SUPER-ANGULON f/3.4 21mm, ELMARIT f/2.8 28mm, and NOCTILUX f/1.2 50mm (plastic) (A 52.5)	14 102
for 42mm external lens mount diameter (A 42) (chromium)	14 031
for 42mm external lens mount diameter (A 42) (black)	14 122
for SUMMILUX 35mm (A 42) (plastic) (from Serial No. 2 166 701)	14 143
for SUMMILUX 50mm (A 45) (chromium)	14 036
for SUMMILUX 50mm * (A 45) (black)	14 123
for ELMAR 65mm (A 56) (chromium)	14 034
for ELMAR 65mm (A 56) (black)	14 153
for SUMMICRON 90mm (A 63.7) (chromium)	14 028
for ELMARIT 135mm and SUMMICRON 90mm (A 63.7) (black)	14 124
for TELYT f/4 200mm (A 72) (black)	14 044
for TELYT f/4.8 280mm (A 76) (black)	14 079
for TELYT f/6.8 400mm (A 78)	14 152
for TELYT f/5.6 400mm and f/6.8 560mm (A 98) (black)	14 140
for TELYT f/5.6 560mm (A 120) (black)	14 141

**Rear covers for lenses**

14 050

4030



14 051

5529-12

for SUPER-ANGULON and ELMARIT 28mm with M-bayonet (plastic)	14 042
for all other lenses, with M-bayonet (plastic)	14 051
with screw mount	14 050
for ELMAR 65mm (A 35) (plastic)	14 074
for lens unit TELYT f/5.6 400mm and f/5.6 560mm (replacement)	14 150



14 056

5514-12

**Camera body cover**

M-bayonet (plastic)	14 195
ditto, for cameras with screw mount	14 055

\* not included with the lens

**Ball-and-socket heads**

Code No.



**14 121**

26036 - 120



**14 119**

26008 - 120

Large ball-and-socket head with  $\frac{3}{8}$ " and  $\frac{1}{4}$ " tripod threads combined . . . . . 14 121

Small ball-and-socket head with  $\frac{1}{4}$ " tripod thread . . . . . 14 119



**14 100**

26425 - 120

Small table tripod with three folding legs,  $\frac{1}{4}$ " tripod thread . . . . . 14 100



**14 130**

26936

Neck strap adjustable with split rings and non-slip pad for LEICA models up to M 4 . . . . . 14 092

Neck strap, with non-slip pad, adjustable, for LEICA M 5 (replacement) . . . . . 14 196

Universal handgrip with shoulder stock . . . . . 14 188



**14 188**

28284-120

Neck strap for heavy equipment, with two tripod screws  $\frac{1}{4}$ " thread . . . . . 14 130

**Bayonet adapter rings**

for the use of LEICA lenses with screw mount

**14 098**

5673-11

**on the LEICA M 3**

21 – 50mm focal length . . . . .	14 097
90mm focal length . . . . .	14 098
135mm focal length and VISOFLEX attachment I . . .	14 099

**on the LEICA M 5, M 4, M 2, MD, and MDa**

21mm, 28mm and 50mm focal length . . . . .	14 097
90mm focal length . . . . .	14 098
35mm, 135mm focal length and VISOFLEX attachment I .	14 099

**14 054**

5530 - 12

**15 526**

28434 - 120

**14 183**

27979-120

**Flash socket cover for M 3, M 2, M 1, MD**

(replacement) . . . . .	14 054
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<b>Flash socket cover for M 4 and MDa (replacement)</b> . . .	15 526
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**Twin flash socket cover for M 5 and LEICAFLEX**

(replacement) . . . . .	14 183
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**Cable releases**

5543 - 12

**14 067**

Cable release, length 25cm, with arresting screw for LEICA-M . . . . .	14 067
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Cable release, length 50cm, with arresting screw for LEICA-M . . . . .	14 076
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**14 088**

5508-12

Adapter for the use of cable release with captive thread on the LEICA with bayonet mount . . . . .	14 088
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5538 - 12

**14 006**



**14 015**

- All-metal cassette model N for all LEICA models (except M 5), with container . . . . . 14 006
- Container (replacement) . . . . . 14 010
- Replacement cassette spool . . . . . 14 015



5542 - 12

**14 022**

- Spare take-up spool (with spring-loaded knob) for M 3, M 2, M 1, MD, III g, I g . . . . . 14 022
- ditto, for all other LEICA models (except M 4, M 5 and MDa) . . . . . 14 021
- ditto, for LEICA M 5 . . . . . 14 192



26250a - 110

**14 260**

**Rapid film loading system for all LEICA M models** (except M 5, M 4 and MDa) can be installed by means of:

- Rapid loading spool for all standard 35mm films on the market and for LEICA cassettes** . . . . . 14 260

**Eyesight correction lenses for LEICA-M models**

Available only in the + and - values (please state when ordering) 0.5 - 1 - 1.5 - 2 - 3 - dioptres . . . . . 14 061

We supply the suitable correction lens mounts for astigmatism through our Aftersales Service Department (Code No. 042-253.008). The lens should be made and mounted by an ophthalmic optician.

- Correction lenses for the 4x magnifier of the VISOFLEX III spherical . . . . . 14 118

**Holdall combination case**

External measurements: about 30 x 12.5 x 18.5cm

**14 815****25648-12****with insert I fitted for:**

1 = LEICA M body

2 = 1 LEICA M body with LEICAMETER® and 35mm or 50mm lens in position or TELE-ELMARIT f/2.8 90mm with lens hood and covers.

3 = 3 filters E 39, E 41, E 43 or Series 6 in containers.

4 = 1 f/4 135mm lens with lens hood and covers.

5 = 1 21mm or 28mm lens with lens hood and covers.

6 = 1 f/2 90mm or f/2.8 135mm lens coupled with 1 35mm or 1 f/4 or f/2.8 90mm lens, each coupled with 1 lens of 35mm or 50mm focal length.

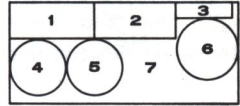
All lenses (except 35mm with finder attachment) with lens hood and covers.

7 = space for films or for additional filters in containers

Outfit 1 complete . . . . . 14 807

Holdall combination case separate . . . . . 14 815

Insert of outfit I separate . . . . . 14 817



25644-120



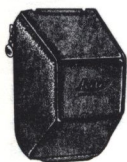
14 823

27976-120

accepting:

1 LEICA M5 and lens of up to 135mm focal length in position, up to 2 additional lenses depending on their length, films and filters . . . . . 14 823

External dimensions about 21 x 11.5 x 19cm (8.4 x 4.6 x 7.6")



14 541

27587-120

**Soft leather ever-ready case** for the LEICA M 5 with all lenses of up to 50mm, with lens hood (except the 28mm lens hood and the NOCTILUX f/1.2 50mm) and TELE-ELMARIT f/2.8 90mm without lens hood . . . . . 14 541

**Ever-ready case**, soft leather, for LEICA M models (up to M 4) with all lenses of up to 50mm or collapsible ELMAR 90mm, each with lens hood (except 28mm lens hood and NOCTILUX f/1.2 50mm) and exposure meter in position . . . . . 14 538

Non-slip pad for carrying strap . . . . . 14 094  
 (please state width and colour of strap)

**Leather cases for viewfinders****14 625**

Leather case for brilliant finders

21mm and 28mm focal length . . . . .	14 617
50mm focal length . . . . .	14 625
90mm and 135mm focal length . . . . .	14 630

**Transparent plastic container (replacement) for filters**

Series 6 and E 39, E 41, and E 43 filters . . . . .	14 612
ditto, for filters E 48, E 58, Series 7 and 8 . . . . .	14 614

**Polystyrene containers for M-lenses (replacement)**

for all lenses of 35mm and 50mm focal length without viewfinder front attachment . . . . .	14 624
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26292-110

for TELE-ELMARIT	f/2.8 90mm,	
ELMAR	f/4 90mm, and	
ELMAR	f/4 90mm collapsible . . . . .	14 623
ELMARIT	f/2.8 90mm . . . . .	14 609
TELE-ELMAR	f/4 135mm . . . . .	14 608



# LEICA

## near-focusing and copying devices

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16 526

Code No.

### Copying gauge for A 4, A 5 and A 6\*

consisting of 3 extensions collars and 4 extending legs  
for LEICA M models

with ELMAR f/3.5 50mm bayonet mount,

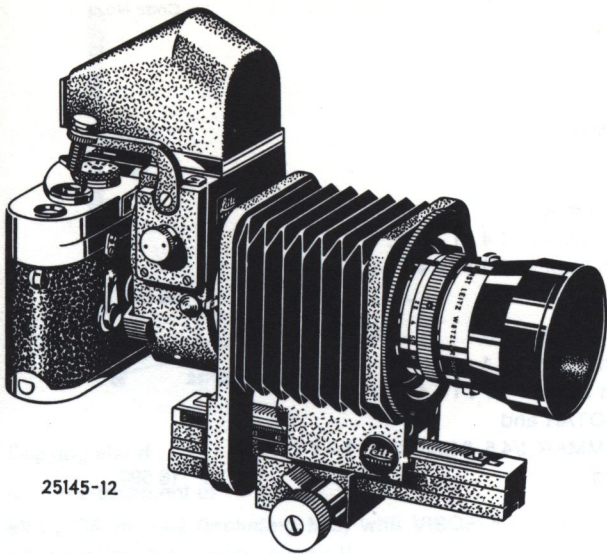
ELMAR f/2.8 50mm, SUMMICRON f/2 50mm . . . 16 526

Bayonet mount for use with the lens unit of the

SUMMICRON f/2 50mm unscrewed from its mount . . . 16 508

---

\* can be used on the LEICA CL without restriction.



25145-12

### Focusing bellows II

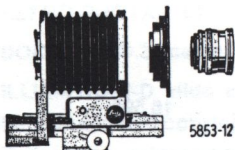
**Variable extension for continuous focusing** in conjunction with the VISOFLEX II or III mirror-reflex attachment.

**Permits photographs within the range of  $\infty$  to 1 : 1** with the lens units of the ELMAR and ELMARIT 90mm and with the ELMAR 65mm.

**Additional adjustment** for the reproduction at a given scale.

**Interchangeable upright and horizontal format.**

**$\frac{3}{8}$ " and  $\frac{1}{4}$ " tripod threads.**



5853-12

Code No.

**Focusing bellows II outfit for 65mm ELMAR ( $\infty$  to 1.4 : 1)**  
**and lens units of the 90mm ELMAR or ELMARIT ( $\infty$  to**  
**1 : 1) and for the 135mm TELE-ELMAR ( $\infty$  to 1 : 1.3) . . . 16 556**



16 596

Lenses with bayonet mount

focal length 50mm 1.4 : 1 - 3.2 : 1

focal length 35mm 2.1 : 1 - 4.7 : 1

adapter ring . . . . . 16 596

Lenses with screw mount

focal length 50mm 1.1 : 1 - 3 : 1

focal length 35mm 1.7 : 1 - 4.3 : 1

REPRO-PHOTAR and

REPRO-SUMMAR f/4.5 24mm 3.6 : 1 - 7 : 1

adapter ring . . . . . 16 590



17 672

5566 - 13

Lens unit of the 50mm SUMMICRON (1.4 : 1 - 3.2 : 1)

adapter ring . . . . . 16 590

+ adapter ring . . . . . 17 672



16 589

5850 - 11

Lens unit of the 90mm SUMMICRON (1 : 9 - 1 : 1.2)

Lens unit of the 135mm ELMARIT (1 : 18.5 - 1 : 1.32)

Lens unit of the TELYT f/4 200mm ( $\infty$  to 1 : 3)

Lens unit of the TELYT f/4.8 280mm ( $\infty$  to 1 : 6)

adapter ring . . . . . 16 598

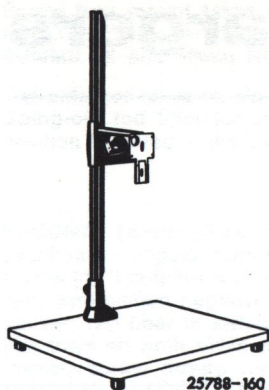


16 558

26937 - 120

Lens unit of the 135mm TELE-ELMAR ( $\infty$  to 1 : 1.3),  
90mm ELMAR and ELMARIT ( $\infty$  to 1 : 1) and ELMAR f/3.5  
65mm ( $\infty$  to 1.6 : 1) (replacement)

adapter ring . . . . . 16 558



16 707

Code No.

**Copying stand**

for the attachment of  
all LEICA models (including M 5) with VISOFLEX II or III  
with or without focusing bellows II.  
LEICAFLEX with or without focusing bellows-R.

Consisting of:

46 x 50cm (18.4 x 20") baseboard, 80cm (32") column with  
guide rail and flange, carrying arm with coarse and fine  
adjustment . . . . . 16 707

**REPROVIT II a**

**Universal copying outfit** for the reproduction of flat originals or 3-dimensional objects.

Continuous setting of the reproduction scale from about 1 : 18 (about 420 x 594mm, (17 x 24in), to same-size reproduction.

Framing box for book pages.

Light box.

REPRO-PHOTAR f/2.5 25mm.

**DOCUFLEX® 35 camera system or LEICA MDa** attachable.

**ILLUMITRAN-D slide copier\*.**

Semi-automatic copying device for slide formats of up to 9 x 12cm.

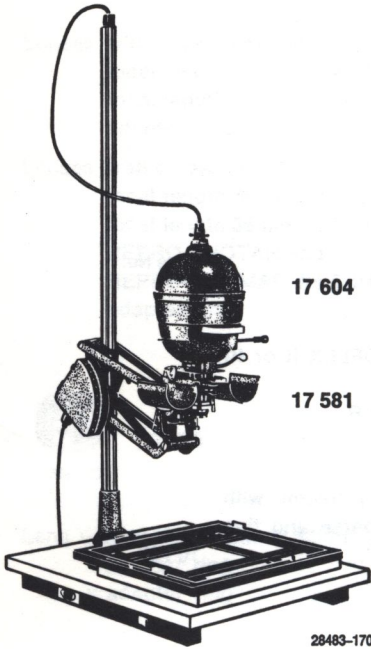
Reductions, enlargements, same-size copies.

Detailed description see Appendix:

Special programme for recording, communication, photography in science and technology.

\* Manufactured by Bowens, London.

# Enlargers



## **FOCOMAT® I c**

### **Automatic focusing enlarger.**

**Automatic focusing range from 2 to 10 diameters;** with manual focusing up to approx. 24 diameters (with the enlarger column rotated through 180° up to 30 diameters), and with the aid of two REPRO extension rings down to same-size-copying.

**Solid 53 x 61.5cm (21.2 x 24.7") baseboard.**

**120cm (47") column, diameter 4cm.**

**Effortless adjustment of the image size** with positive spring-tensioned lock.

**The enlarging ratio can be read off a scale at the side.**

**Hand grip for the vertical adjustment of the lamp house** (when the spring-loaded hand grip is released the lamp house is arrested in the desired position).

**Electrical safety certified.**

**Well ventilated lamp house** with detachable top and centring lamp holder for 150 W or 250 W enlarger lamp. Lever for the adjustment of the condenser.

**Pressure plate with specially treated surface** available for the elimination of Newton's rings.

**Film trays on both sides.**

**Interchangeable film guides** from 8 x 11mm to 4 x 4cm.

**Screw lens mount takes 50mm LEICA lenses** in screw mount or the 50mm FOCOTAR. Adapter rings for LEICA lenses in bayonet mount (except 50mm SUMMILUX and 50mm NOCTILUX).

**The enlarger takes single-film carriers, a tilting unit, and a copying darkslide. Swing-out red filter** for inspection of the image with the enlarging paper in position included in the basic outfit.

Code No.

**FOCOMAT I c** with 53 x 61.5cm (21.2 x 24.7") plastic-covered baseboard. Toggle switch and mains cable with plug; 120cm (47") column, 4cm diameter; lamp house with 150 W lamp and hinged negative stage; vertically adjustable condenser; red filter in swivelling mount, negative stage with film trays on both sides and film guide for the 24 x 36mm format; screw thread for a 50mm LEICA lens\* or the special 50mm FOCOTAR enlarging lens. Ready for use, but without masking frame . . . . . 17 604



17 581

- FOCOTAR® f/4.5 50mm enlarging lens**
- with click stops . . . . . 17 582
- Filter drawer . . . . . 17 772
- Enlargement indicator . . . . . 17 773
- FOCOMAT I c-COLOR, complete** . . . . . 17 609
- Dust cover** for FOCOMAT I c or I c-COLOR . . . . . 17 607

For colour enlarging we recommended the use of an automatic voltage stabilizer, made by and available from Zaehlerwerkstaetten K. Biesinger, D-6935 Hirschhorn/Neckar\*\*.

**Exposure timer**

A special exposure timer is required\*\* when a voltage stabilizer is used . . . . . 17 804

**Mains cable** (replacement) . . . . . 37 656

\* The SUMMILUX and NOCTILUX 50mm lenses cannot be used.  
 \*\* Please state mains voltage on order.

# Accessories



Code No.

## Film guides

suitable also for VALOY® II, FOCOMAT I a

8 x 11mm	. . . . .	17 514
13 x 17mm	. . . . .	17 517
18 x 24mm	. . . . .	17 516
24 x 24mm	. . . . .	17 521
28 x 28mm	. . . . .	17 642
24 x 36mm (replacement)	. . . . .	17 526
3 x 4cm	. . . . .	17 531
4 x 4cm (corners are cut by approx. 3mm)	. . . . .	17 536

## Single-negative holders

also for the FOCOMAT I a and I and VALOY I and II

Double glass plate	3.5 x 12cm	. . . . .	17 545
	5 x 16cm	. . . . .	17 565
Masks	24 x 24mm	. . . . .	17 541
	24 x 36mm	. . . . .	17 540
	3 x 4cm	. . . . .	17 555
	4 x 4cm	. . . . .	17 560

## Adapter ring

also for VALOY II

for the use of the SUMMICRON 50mm lens unit . . . . 17 672

Adapter ring for the use of the ELMAR and SUMMICRON  
50mm lenses, collapsible with bayonet mount . . . . 17 671



5581-17

17 652

## Anti-Newton-disc

with 3mm spacing ring for type N condenser . . . . 17 652

Type N condenser (replacement) also for FOCOMAT I a . 17 639

## Accessory for increasing the enlarging range

also for FOCOMAT I a, VALOY I, II

REPRO extension ring, for 1 : 1 . . . . . 16 615 \*

\* Available through "Special Programme" Sales Organization.



17 775

5596-17



17 780

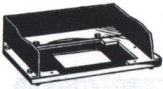
5610-17

**Accessories for the AGFA colour head suitable also  
for the FOCOMAT I c-color and I a-color**

Adapter . . . . .	17 775 *
Additional condenser . . . . .	17 780

**For the use of the AGFA-VARIOMAT®**

40mm-diameter spacing ring . . . . .	17 631
--------------------------------------	--------



17 670



5554-17

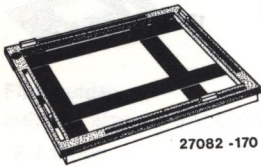
**Copying accessories**

Copying darkslide for single-film frames and 5 x 5cm (2 x 2") lantern plates . . . . .	17 670
suitable also for the FOCOMAT I a, VALOY II	

\* Available through "Special Programme" Sales Organization.



**Masking frames**  
for all FOCOMAT models



17 584

**24 x 30cm (10 x 12") universal masking frame with**  
4 adjustable masking strips, combined "feet-metre" scale 17 584 \*

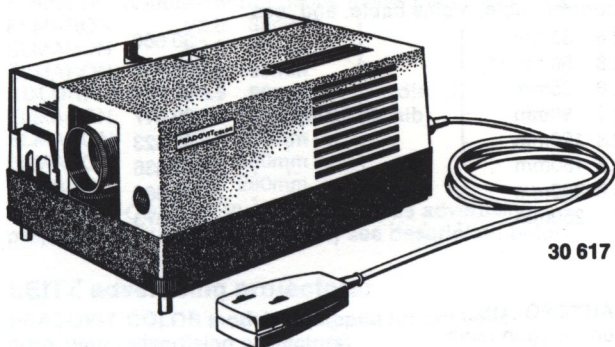
**30 x 40cm masking frame, with adjustable maskings strips**  
and adapter ring for the column for compensating the  
increased thickness of this frame . . . . . 17 586

**English system (inch):**

12 x 16" masking frame . . . . . 17 630

\* Available through "Special Programme" Sales Organization.

# Miniature projectors



30 617

## **PRADOVIT®-COLOR**

(officially recognized school projector, with VDE test symbol)

**Fully automatic miniature projector** for 5 x 5cm (2 x 2") slides (effective format up to 38 x 38mm, with 35mm and 50mm lenses up to 24 x 36mm, AUTOFOCUS version: when the automatic mechanism is used 24 x 36mm to 38 x 38mm effective format) for 24v 150W or 24v 250W tungsten halogen lamp.

**Voltage selector** 110-240v 50-60 Hz.

**Lamp economy switch.**

**Illuminated on-off switch**, lamp economy switch, magazine compartment number.

**Vertical adjustment.**

**Aspherical condenser system** with reflector.

**Most effective 2-path cooling system**; slide pre-warming.

**Remote-controlled forward and reverse slide change.**

**Automatic return of the projector lens** to the middle of the focusing range on removal of the magazine.

**Focusing remote-controlled** by separate motor, forward and reverse as well as continuous travel.

1 magazine accepting 36 slides, can also be inserted from the front.

Rapid slide change with automatic dark interval even when the transport arm moves from an empty magazine compartment.

Rapid single-slide projection or rearrangement of slides through easy access to the magazine chamber and raising of the slide transport arm.

**Built-in interval timer** for projection times adjustable between about 3 and 30 seconds per slide.

**A light pointer** can be connected to the remote-control cable as an accessory. Facility for connecting tape recorders (international contact system).

Accessory projector hood, suitable also as a miniature projection screen.

Accessory drive for adapting the instrument for continuous projection.

**Interchangeable lenses** from 35 to 250mm focal length.

**Projection device for slide change without dark interval** with 2 PRADOVIT-COLOR projectors.

**Attachable radio remote control** on request.

**Standing area** of all models 310 x 210mm. **Height:** PRADOVIT-COLOR and PRADOVIT-COLOR AUTOFOCUS 146mm; PRADOVIT-COLOR 250 and PRADOVIT-COLOR 250 AUTOFOCUS 170mm.

**PRADOVIT-COLOR**

for 24 v 150 W tungsten halogen lamp, adjustable for 110, 120, 130, 220, 230, 240 v/50-60 Hz., 1 magazine for 36 slides, **without** lamp and hood.

Code No.

Body without: lens, focusing sleeve, interchangeable condenser, remote-control cable, mains cable . . . . . 30 696

Complete with focusing sleeve, interchangeable condenser, remote-control cable, mains cable, and lens

ELMARON®	f/2.8	35mm *	} (dia. 42.5mm)	. . . . .	30 686
ELMARON	f/2.8	50mm **		. . . . .	30 656
ELMARON	f/2.8	85mm		. . . . .	30 646
<b>COLORPLAN®</b>	<b>f/2.5</b>	<b>90mm</b>		. . . . .	<b>30 617</b>
ELMARON	f/2.8	120mm		. . . . .	30 623
ELMARON	f/2.8	150mm		. . . . .	30 636
ELMARON	f/3.6	200mm		. . . . .	30 663
ELMARON	f/4	250mm		. . . . .	30 673

**PRADOVIT-COLOR-AUTOFOCUS**

for 24 v 150 W tungsten halogen lamp with automatic focusing, otherwise as PRADOVIT-COLOR, without lamp and hood.

Body without: lens, focusing sleeve, interchangeable condenser, remote-control cable, mains cable . . . . . 30 798

Complete with focusing sleeve, interchangeable condenser, remote-control cable, mains cable, and lens

ELMARON	f/2.8	35mm *	} (dia. 42.5mm)	. . . . .	30 788
ELMARON	f/2.8	50mm **		. . . . .	30 758
ELMARON	f/2.8	85mm		. . . . .	30 748
<b>COLORPLAN</b>	<b>f/2.5</b>	<b>90mm</b>		. . . . .	<b>30 719</b>
ELMARON	f/2.8	120mm		. . . . .	30 720
ELMARON	f/2.8	150mm		. . . . .	30 738
ELMARON	f/3.6	200mm		. . . . .	30 769
ELMARON	f/4	250mm		. . . . .	30 779

**PRADOVIT-COLOR 250**

for 24 v 250 W tungsten halogen lamp

otherwise as PRADOVIT-COLOR, without lamp and hood.

Body without: lens, focusing sleeve, interchangeable condenser, remote-control cable, mains cable, lamp . . . . . 30 695

Complete with focusing sleeve, interchangeable condenser, remote-control cable, mains cable, and lens

ELMARON	f/2.8	35mm *	} (dia. 42.5mm)	. . . . .	30 685
ELMARON	f/2.8	50mm **		. . . . .	30 655
ELMARON	f/2.8	85mm		. . . . .	30 645
<b>COLORPLAN</b>	<b>f/2.5</b>	<b>90mm</b>		. . . . .	<b>30 618</b>
ELMARON	f/2.8	120mm		. . . . .	30 622
ELMARON	f/2.8	150mm		. . . . .	30 635
ELMARON	f/3.6	200mm		. . . . .	30 662
ELMARON	f/4	250mm		. . . . .	30 672

\* Only up to 24 x 36mm format and magazine for 30 slides.

\*\* Only up to 24 x 36mm format, not for magazine for 50 slides.

**PRADOVIT-COLOR 250 AUTOFOCUS**

Code No.

for 24 v 250 W tungsten halogen lamp, with automatic focusing, otherwise as PRADOVIT-COLOR 250, without lamp and hood.

Body without: lens, focusing sleeve, interchangeable condenser, remote-control cable, mains cable . . . . .					30 694
Complete focusing sleeve, interchangeable condenser, remote-control cable, mains cable, and lens					
ELMARON	f/2.8	35mm *	} (dia. 42.5mm)		30 684
ELMARON	f/2.8	50mm **			30 654
ELMARON	f/2.8	85mm			30 644
<b>COLORPLAN</b>	<b>f/2.5</b>	<b>90mm</b>			<b>30 613</b>
ELMARON	f/2.8	120mm			30 621
ELMARON	f/2.8	150mm . . . . .			30 634
ELMARON	f/3.6	200mm . . . . .			30 661
ELMARON	f/4	250mm . . . . .			30 671

PRADOVIT-COLOR 250 AUTOFOCUS as advertising projector (continuous projection) see description below.

**LEITZ advertising projectors:**

**PRADOVIT-COLOR models equipped for continuous projection (advertising projectors)**

Additional price for built-in drive with 2 repeater plates in the PRADOVIT-COLOR and PRADOVIT-COLOR-AUTOFOCUS . . . . . 37 929

in the PRADOVIT-COLOR 250 and PRADOVIT-COLOR 250 AUTOFOCUS . . . . . 37 940

Installation in the factory possible at any time.

PRADOVIT COLOR with additional plug-in connection for lamp control (necessary) for multi-projection setups and fading-in device; installation in newly ordered projectors only)

Additional cost . . . . . 37 944

PRADOVIT COLOR with mirror deflection for the 35mm ELMARON lens for the projection of 48 horizontal slides Additional cost . . . . . 37 891

Repeater plate for continuous projection (replacement) . . . . . 37 933

**Accessories**

for all versions of the PRADOVIT-COLOR

**24 v 150 W tungsten halogen lamp**

for PRADOVIT-COLOR and PRADOVIT-COLOR AUTOFOCUS . . . . . 37 717

**24 v 250 W tungsten halogen lamp**

for PRADOVIT-COLOR 250 and PRADOVIT-COLOR 250 AUTOFOCUS . . . . . 37 723

**Hood** (for lenses of up to 120mm focal length) . . . . . 37 930



26927 - 310

**Light pointer for projection in the home . . . . . 37 936**

\* Only up to 24 x 36mm format and magazine for 30 slides.  
 \*\* Only up to 24 x 36mm format, not for magazine for 50 slides.

Carrying case for PRADOVIT-COLOR or PRADOVIT-COLOR-AUTOFOCUS and lens of up to 250mm focal length (including earlier models) . . . . .	37 952
Carrying case for PRADOVIT-COLOR 250 or PRADOVIT-COLOR 250 AUTOFOCUS and lens of up to 250mm focal length . . . . .	37 962
Extension cable for remote-control 5m (17ft) . . . . .	37 931
Extension cable for remote-control 15m (50ft) . . . . .	37 932
Holder for micro-attachments. . . . .	37 937
Accessory for showing filmstrips on request.	

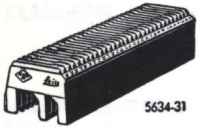
**Multiple plug connection** for the simultaneous connection of tape recorder and remote-control cable to the PRADOVIT (above Serial No. 400 000), variants of the PRADOVIT COLOR, and PRADOVIT RC . . . . . 37 911

Our list No. 1 30-29 contains information about the connection of the PRADOVIT to tape recorders.

#### Replacement accessories:

Lamp for the light pointer . . . . .	37 721
Remote-control cable 3m (10ft) for PRADOVIT-COLOR and PRADOVIT-COLOR 250 only . . . . .	37 934
Remote-control cable 3m (10ft) for PRADOVIT-COLOR AUTOFOCUS and PRADOVIT-COLOR 250 AUTOFOCUS only . . . . .	37 941
Mains cable . . . . .	37 656

#### Magazines



Transparent case with 2 magazines for 36 slides each . . . . .	37 863
Transparent case with magazines for 50 slides each . . . . .	37 835
<b>Stacking case</b> with 2 magazines for <b>36</b> slides each . . . . .	<b>37 844</b>
<b>Stacking case</b> with 2 magazines for <b>50</b> slides each . . . . .	<b>37 855</b>

**Projector lenses and optical accessories**

ELMARON	f/2.8	35mm *	} (dia. 42.5mm)	. . .	37 041
ELMARON	f/2.8	50mm **		. . .	37 051
ELMARON	f/2.8	60mm ***		. . .	37 004
ELMARON	f/2.8	85mm		. . .	37 003
<b>COLORPLAN</b>	<b>f/2.5</b>	<b>90mm</b>		. . .	<b>37 005</b>
ELMARON	f/2.8	120mm		. . .	37 019
ELMARON	f/2.8	150mm . . . . .		37 030	
ELMARON	f/3.6	200mm . . . . .		37 062	
ELMARON	f/4	250mm . . . . .		37 082	

**Focusing sleeves:**

for 35–120mm focal length (dia. 42.5mm) . . . . .	37 119
for 120mm focal length (and 90mm dia. 46mm) . . . . .	37 120
for 150mm focal length . . . . .	37 121
for 200mm focal length . . . . .	37 129
for 250mm local length . . . . .	37 130

**Interchangeable condensers:**

for 35mm and 50mm focal length . . . . .	37 210
for 60–120mm focal length . . . . .	37 217
for 150mm–250mm focal length . . . . .	37 212

**Daylight projection box**

Suitable for use with all PRADOVIT-COLOR models for continuous projection of up to 48 slides (see Special Programme).

**Projection device for slide change without dark interval**

Control unit for the coupling of two PRADOVIT-COLOR projectors with or without repeating mechanism. Manual or electronic control (see Special Programme)

**Slide pre-selection (PRADOVIT SLIDE SELECTOR)**

Detailed specification see lists:

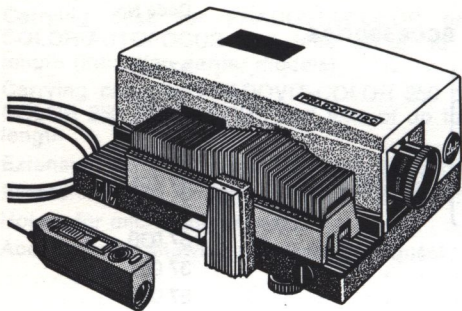
LEITZ Special Programme for Recording, Communication, Photography in Science and Technology

**Fade-in devices by request.**

**Control equipment for multiple projection on request.**

**Accessories for PRADOVIT F, N 12, N 24 on request.**

\* Only up to 24 x 36mm format and with magazine for 30 slides.  
 \*\* Only for up to 24 x 36mm format, not for magazine for 50 slides.  
 \*\*\* Effective format 4 x 4cm, not for magazine for 50 slides.



30 176

## **PRADOVIT® RC**

**RC = remote control.**

**Magazine projector suitable for remote control** of forward and reverse slide change and of focusing.

Manual operation of the slide changer; projection of single slides possible.

**Detachable, well ventilated plastic housing**, Makrolon top, base fibreglass-reinforced.

**Modular construction facilitates servicing.**

**Three-point support. Vertical adjustment. Levelling adjustment.**

**Direct blower cooling.** Optimum cooling of slide, housing, and lamp.

**Built-in transformer** for 24 v 150 W tungsten halogen lamp, for 220-240 v 50 Hz or adjustable from 110 - 130 v and 200 - 240 v / 50 - 60 Hz.

**On-off switch.**

**Lamp-economy and daylight-projection switch.**

**Automatic thermostatic cut-out.**

**Disconnecting plug:** when the top of the housing is removed all current-conducting parts become dead.

**Lamp adjustment in three directions easily accessible from outside.**

**Aspherical condenser system.** Interchangeable condenser, heat filter, and reflector on a single mount.

**Interchangeable lenses:** f/2.8 50mm, f/2.8 85mm, **COLORPLAN f/2.5 90mm-f/2.8 120mm** or f/3.2 150mm.

One magazine for 36 slides and pinhole slide.

**Effective formats up to 24 x 36mm.**

**Light pointer** built into the remote control unit.

**Standing area:** 190 x 200mm.

**Working area:** length 300mm, width 330mm.

**Height:** 140mm.

**PRADOVIT RC only for 220-240v**

Body without: lamp, lens, interchangeable condenser,  
remote-control cable, mains cable . . . . . 30 179

with lens

**ELMARON** f/2.8 50mm\* . . . . . 30 174  
**ELMARON** f/2.8 85mm . . . . . 30 175  
**COLORPLAN** f/2.5 90mm . . . . . 30 176  
**ELMARON** f/2.8 120mm . . . . . 30 177  
**ELMARON** f/3.2 150mm . . . . . 30 178

**PRADOVIT RC adjustable,  
110-130v and 220-240v / 50-60 Hz**

Body without: lamp, lens, interchangeable condenser,  
remote-control cable, mains cable . . . . . 30 180

with lens

**ELMARON** f/2.8 50mm\* . . . . . 30 182  
**ELMARON** f/2.8 85mm . . . . . 30 183  
**COLORPLAN** f/2.5 90mm . . . . . 30 184  
**ELMARON** f/2.8 120mm . . . . . 30 185  
**ELMARON** f/3.2 150mm . . . . . 30 186

**ELMARON** f/2.8 50mm, separate . . . . . 37 051  
**ELMARON** f/2.8 85mm, separate . . . . . 37 003  
**COLORPLAN** f/2.5 90mm, dia. 42.5mm, separate . . . . . 37 005  
**ELMARON** f/2.8 120mm, separate . . . . . 37 019  
**ELMARON** f/3.2 150mm, separate . . . . . 37 031

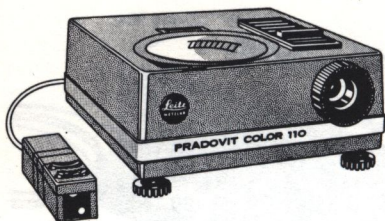
Interchangeable condenser for 50mm lens (separate) . . . . . 37 220  
 Interchangeable condenser for 85, 90, 120, 150mm lenses  
(separate) . . . . . 37 219  
 Mains cable (replacement) . . . . . 37 645  
 Remote control (replacement) . . . . . 37 946  
 Carrying case . . . . . 37 945  
 24v 150W tungsten halogen lamp . . . . . 37 717

**Magazines** see under accessories PRADOVIT-COLOR

Lamp for the light pointer (replacement) . . . . . 37 734  
 Extension cable for remote control 5m (17ft) . . . . . 37 931  
 Extension cable for remote control 15m (50ft) . . . . . 37 932  
 Multiple plug . . . . . 37 911

\* Only up to 32nd slide in the magazine.





30 900

## **PRADOVIT-COLOR 110**

### **Fully automatic slide projector for the pocket format**

External format of the slide frames 3x3cm (effective format 12x15.8mm).

#### **Body:**

Small dimensions, light weight; removable slide changer for single-slide projection and editing. Impact-resistant plastic top easily removable for lamp change. Vertical adjustment by means of 2 levelling screws. Automatic thermostatic cut-out. VDE and interference suppression-tested. Safety classification 2.

#### **Optical system:**

##### **Lenses:**

COLORPLAN 110 f/2.5 50mm (light flux 320Lm)

ELMARON 110 f/2.8 45mm (light flux 250Lm)

New 12v/75W halogen cold-light ellipsoid reflector lamp, about 50 hours' life.

Picture gate temperature below 70 °C. Automatic lamp centration.

No additional condenser system.

#### **Mains connection:**

2-strand cable (length 2.5m) permanently fixed to the projector; 220v or 110-240v voltage selector. On-off switch on the rear base of the projector.

#### **Remote control:**

Length 2m for forward and reverse slide transport as well as remote-controlled focusing; built-in light pointer. Standard socket for the connection of remote control or tape recorder.

#### **Magazine:**

System AGFA-LEITZ compact magazine.

Novel, carousel magazine for 60 pocket slides. Integral construction for functional reliability and low price. Each single slide is blocked by sprung lugs. Simple insertion, since the slide claw moves automatically into the starting position when the magazine chamber is opened, (hinged lid). The magazine can be inserted in and removed from the projector in any desired position. Return to the 0 position is not necessary. Slide change within 1.3 seconds. Safety coupling between drive and slide transport.

#### **Body dimensions:**

Standing area 223 x 243mm, height 102mm, weight 2.8kg.

**PRADOVIT-COLOR 110 (220v)**

complete with mains cable, magazine, remote-control cable, light pointer and lens

COLORPLAN 110	f/2.5	50mm	. . . . .	30 900
ELMARON 110	f/2.8	45mm	. . . . .	30 901

**PRADOVIT-COLOR 110 (220v)**

body without remote control cable and lens . . . . . 30 904

**PRADOVIT-COLOR 110 (adjustable 110-240v)**

complete with mains cable, magazine, remote-control cable with light pointer and lens

COLORPLAN 110	f/2.5	50mm	. . . . .	30 902
ELMARON 110	f/2.8	45mm	. . . . .	30 903

**PRADOVIT-COLOR 110 (adjustable 110-240v)**

Body without remote-control cable and lens . . . . . 30 905

COLORPLAN 110	f/2.5	50mm, separate	. . . . .	37 006
ELMARON 110	f/2.8	45mm, separate	. . . . .	37 007

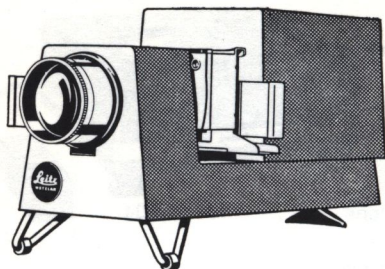
Remote-control cable with light pointer . . . . . 37 949

12v/75W projector lamp . . . . . 37 736

3v lamp for light pointer (replacement) . . . . . 37 737

Compact magazine . . . . . 37 948

Multiple plug and extension cable as for PRADOVIT-COLOR.



31 403

**PRADIX®**

**Small handy projector for the home for 5x5cm (2x2") (18x24mm-4x4cm) slides, and film strips in the 24x36mm and 18x24mm formats.**

**Well-ventilated lamp housing, aspherical condenser system with interchangeable condenser, built-in heat filter.**

**Tripod thread 1/4" on the underside.**

**150W narrow-gauge cine projector lamp, G 17 q base, for direct mains connection.**

**Interchangeable projector lenses**

ELMARON f/2.8 85mm (4 x 4cm to 18 x 24mm)

ELMARON f/2.8 50mm (24 x 36mm to 18 x 24mm).

**5 x 5cm (2 x 2") slide changer, rotatable, interchangeable with film strip holder.**

**Vertical adjustment.**

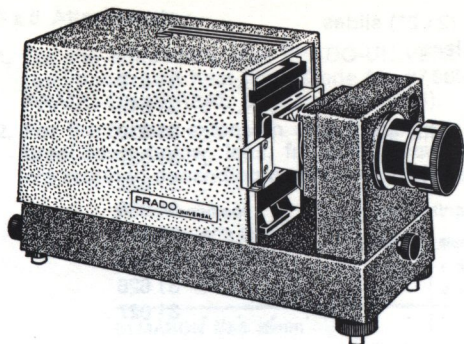
**Standing area: 230mm x 110mm (9 1/4 x 4 1/2" approx.).**

**Height: 112mm (4 1/2").**

**PRADIX**

Code No.

without lens, without interchangeable condenser . . . . .	31 499
without lamp, with slide changer and	
ELMARON f/2.8 85mm lens . . . . .	31 403
ditto, with ELMARON f/2.8 50mm lens . . . . .	31 456
Plastic carrying case . . . . .	37 413
220v 150W lamp (G 17 q) . . . . .	37 715
110v 150W lamp (G 17 q) . . . . .	37 716
Slide changer (part of the above outfits) . . . . .	37 849
Film strip holder for 24 x 36mm with 18 x 24mm insert mask	37 846
ELMARON f/2.8 85mm lens separate . . . . .	37 003
ELMARON f/2.8 50mm lens separate . . . . .	37 051
Interchangeable condenser for 85mm . . . . .	37 207
Interchangeable condenser for 50mm . . . . .	37 208



## **PRADO-UNIVERSAL**

Officially recognized school projector, with VDE test symbol.

**Universally extensible slide projector** for 5 x 5cm (2 x 2") slides (effective format up to 38 x 38mm, 35mm and 50mm lenses up to 24 x 36mm).

**Sturdy projector housing**, especially rigid 3-point support on 4-point base.

Simple vertical and horizontal adjustment.

**Glare-free reading light.**

**24v 250W tungsten halogen lamp**, long life and powerful light output; low slide gate temperature.

**Universal lamp centration.**

**Lamp economy switch.**

**Voltage selector** for 110–240v 50–60Hz.

**Aspherical condenser system** with reflector.

**Highly efficient 2-path cooling system**, separately adjustable, additional direct action on the slide, highly effective **heat filter**.

**Interchangeable lenses of 35 to 300mm focal length** permits free choice of screen size and projection distance.

Attachment with 5 x 5cm (2 x 2") slide changer.

Mains cable.

**Possibilities of extension:** Rotating film strip guide, effective format 24 x 36mm, with 18 x 24mm mask.

**6 x 6cm (2<sup>1</sup>/<sub>4</sub> x 2<sup>1</sup>/<sub>4</sub>") slide projection.**

**Micro-attachment A (horizontal).**

**Micro-attachment B (vertical).**

**Vertical attachment.**

**Standing area:** 320 x 150mm (11<sup>3</sup>/<sub>4</sub> x 6").

**Height:** 195mm (7<sup>3</sup>/<sub>4</sub>").

Magazine changer on request.

**PRADO-UNIVERSAL (for 5 x 5cm) (2 x 2") slides** Code No.  
complete for 24v 250W lamp with lens

ELMARON	f/2.8	35mm	} (dia. 42.5mm)	31 618
ELMARON	f/2.8	50mm		31 619
<b>COLORPLAN</b>	<b>f/2.5</b>	<b>90mm</b>		<b>31 636</b>
ELMARON	f/2.8	120mm		31 637
ELMARON	f/2.8	150mm		31 622
ELMARON	f/3.6	200mm		31 638
HEKTOR	f/2.5	200mm		31 624
ELMARON	f/4	250mm		31 641
HEKTOR	f/2.8	250mm		31 626
HEKTOR	f/2.8	300mm		31 627

Longer focal lengths on request.

**Projector body without:**

Lens, focusing sleeve, slide changer, interchangeable condenser, illuminating unit, filter, 35mm attachment, mains cable . . . . . 31 600

**Accessories for PRADO UNIVERSAL 5 x 5:**

24v 250W tungsten halogen lamp . . . . .	37 723
Carrying case for PRADO-UNIVERSAL and lenses except f/2.5 200, f/2.8 250 and 300mm . . . . .	37 942
24 x 36mm film strip holder and 18 x 24mm mask . . . . .	37 868
Heat filter 5 x 5, 5.5mm, replacement . . . . .	37 869
Mains cable (replacement) . . . . .	37 656

**PRADO-UNIVERSAL (for 6 x 6cm (2 1/4 x 2 1/4") and 7 x 7cm (2 3/4 x 2 3/4") slides, effective format 54 x 54mm)**  
complete for 24v 250W lamp, with lens

ELMARON	f/2.8	150mm	31 628
ELMARON	f/3.6	200mm	31 639
HEKTOR	f/2.5	200mm	31 630
ELMARON	f/4	250mm	31 642
HEKTOR	f/2.8	250mm	31 632
HEKTOR	f/2.8	300mm	31 633

Longer focal lengths on request.

**Projector body without:**

Lens, focusing sleeve, slide changer, interchangeable condenser, illuminating unit, with filter, 35mm attachment, mains cable, cover plate . . . . . 31 600

**Accessories for PRADO UNIVERSAL 6 x 6:**

24v 250W tungsten halogen lamp . . . . .	37 723
Carrying case for PRADO-UNIVERSAL and 150mm lens . . . . .	37 942
6 x 6 slide changer (external slide dimensions 6 x 6cm (2 1/4 x 2 1/4"), effective format 54 x 54mm) . . . . .	37 816
3 x 6 slide changer (external slide dimensions 5 x 5cm (2 x 2"), effective format up to 38 x 38mm) . . . . .	37 865
6 x 6 slide changer (external slide dimensions 7 x 7cm (2 3/4 x 2 3/4") (replacement), effective format 54 x 54mm) . . . . .	37 815
Mains cable (replacement) . . . . .	37 656

## 5 x 5 Attachment

1. For the adaptation of a PRADO-UNIVERSAL (6x6) for 5x5 (2x2") slides (additional 5x5 heat filter, Code No. 37 869 required; existing lenses of the PRADO-UNIVERSAL 6x6 can be used).
2. For the further extension of a PRADO-UNIVERSAL 5x5 (according to the breakdown below, lens, focusing sleeve, and interchangeable condenser are required depending on the nature of the outfit).

	5 x 5 attachment complete with lens (without heat filter)	consisting of:					Lens
		Attach- ment	Illumi- nating system	Inter- change- able condenser	Slide changer	Focusing sleeve	
Code No.	ELMARON f/2.8 35mm 37 837	32 402	37 872	37 216	37 849	37 119	37 041
Code No.	ELMARON f/2.8 50mm 37 874	32 402	37 872	37 216	37 849	37 119	37 051
Code No.	COLORPLAN f/2.5 90mm 37 892 (dia. 42.5mm)	32 402	37 872	37 218	37 849	37 119	37 005
Code No.	ELMARON f/2.8 120mm 37 894	32 402	37 872	37 218	37 849	37 119	37 019
Code No.	ELMARON f/2.8 150mm 37 877	32 402	37 872	37 214	37 849	37 121	37 030
Code No.	ELMARON f/3.6 200mm 37 896	32 402	37 872	37 214	37 849	37 129	37 062
Code No.	HEKTOR f/2.5 200mm 37 879	32 402	37 872	37 214	37 849	37 125	37 079
Code No.	ELMARON f/4 250mm 37 895	32 402	37 872	37 214	37 849	37 130	37 082
Code No.	HEKTOR f/2.8 250mm 37 881	32 402	37 872	37 214	37 849	37 126	37 098
Code No.	HEKTOR f/2.8 300mm 37 882	32 402	37 872	37 214	37 849	37 127	37 093

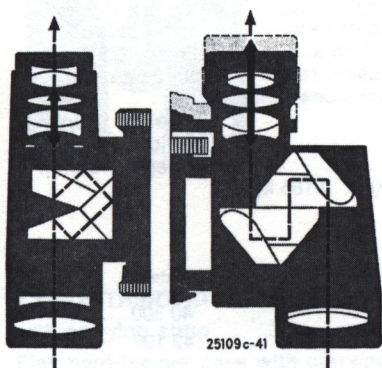
## 6 x 6 Attachment

1. For the adaptation of a PRADO-UNIVERSAL 5 x 5 for 6 x 6 (2 1/4 x 2 1/4") slides (existing lenses of the PRADO-UNIVERSAL 5 x 5 from 150mm focal length onwards can be used).
2. For the further extension of a PRADO-UNIVERSAL 6 x 6 (according to the breakdown below, lens, focusing sleeve, and attachment with interchangeable condenser are required depending on the nature of the outfit).

6 x 6 attachment complete with lens		consisting of:					Lens
		Attach- ment with interch. condenser	Cover- plate	Illumina- ting system with filter	Slide- changer	Focusing sleeve	
Code No.	ELMARON f/2.8 150mm 37 883	32 311	37 867	37 871	37 815	37 186	37 030
Code No.	ELMARON f/3.6 200mm 37 897	32 310	37 867	37 871	37 815	37 132	37 062
Code No.	HEKTOR f/2.5 200mm 37 885	32 310	37 867	37 871	37 815	37 189	37 079
Code No.	ELMARON f/4 250mm 37 898	32 310	37 867	37 871	37 815	37 131	37 082
Code No.	HEKTOR f/2.8 250mm 37 887	32 310	37 867	37 871	37 815	37 191	37 098
Code No.	HEKTOR f/2.8 300mm 37 888	32 310	37 867	37 871	37 815	37 192	37 093

**Accessories for PRADO 250/500 and PRADO 66/500 on request.**

# Binoculars



Comparison of optical paths  
Left: LEITZ TRINOVID  
Right: binoculars with  
Porro prisms

## TRINOVID®

Binoculars in the international top class.

**Novel design** based on the combination of 3 cemented prisms, 1 of them a penta prism.

**Large-field eyepieces** for  $60^\circ$  subjective angle of view in the 8 x 32 B,  $63^\circ$  in the 10 x 40 B models, for  $60^\circ$  in the 7 x 35 B spectacle wearer's model, and  $56^\circ$  in the 7 x 42 B,  $59^\circ$  in the 8 x 40 B.

**True internal focusing** with individual eyepiece adjustment.

Therefore dust- and spray-waterproof, weather and shock resistant.

Stylish form, can be conveniently carried in the pocket.

Light weight for strain-free observation.





29107-410

**8 x 20 C TRINOVID®**

Compact binoculars of high optical performance

Magnification: 8x

Objective diameter: 20mm

Diameter of exit pupil: 2.5mm

Twilight factor: 12.65

Field of view:

120m at 1000m distance, 6.9°

Focusing range to about 2.5m

Dimensions (folded):

height	89mm
width	58mm
depth	33mm

Weight: 0.185 kg

**8 x 20 C TRINOVID**

Soft case for same

Code No.

40 300

42 192



29108-410

**10 x 22 C TRINOVID®**

High-power compact binoculars

Magnification: 10x

Objective diameter: 22mm

Diameter of exit pupil: 2.2mm

Twilight factor: 14.83

Field of view:

95m at 1000m distance, 5.4°

Focusing range to about 3.5m

Dimensions (folded):

height	107mm
width	58mm
depth	33mm

Weight: 0.210 kg

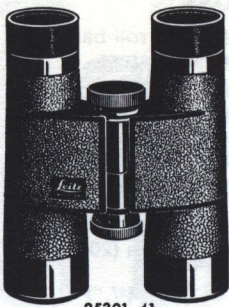
**10 x 20 C TRINOVID**

Soft case for same

Code No.

40 301

42 193



25301-41

### 7 x 35 B TRINOVID

High-power binoculars with roll-back eyecups for spectacle wearers, particularly suitable for hunters.

Magnification: 7 x  
 Objective diameter: 35mm  
 Diameter of exit pupil: 5mm  
 Twilight factor: 15.6  
 Light transmitting power: 25  
 Field of view:  
     150yd at 1000yd distance, 8.6°  
 Focusing range to about 5m (17ft)  
 Dimensions:  
     height approx. 133mm (5¼")  
     width approx. 117mm (4½")

Code No.

### 7 x 35 B TRINOVID

- |   |        |
|---|--------|
| with carrying strap . . . . .                         | 40 215 |
| Flat, hard-leather case with carrying strap . . . . . | 42 175 |
| Soft-leather ever-ready case . . . . .                | 42 185 |



### 7 x 42 B TRINOVID

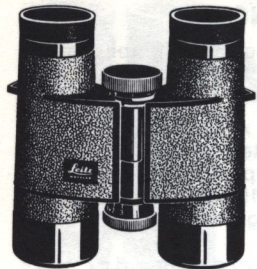
Night glass with large exit pupil, roll-back eyecups for spectacle wearers, particularly suitable for hunting and sailing

Magnification: 7 x  
 Objective diameter: 42mm  
 Diameter of exit pupil: 6mm  
 Twilight factor: 17.2  
 Light transmitting power: 36  
 Field of view:  
     140yd at 1000yd distance, 8°  
 Focusing range to about 8.5m (about 28ft)  
 Dimensions:  
     height approx. 167mm (6¾")  
     width approx. 125mm (5")

Code No.

### 7 x 42 B TRINOVID

- |   |        |
|---|--------|
| with carrying strap . . . . .                         | 40 218 |
| Flat, hard-leather case with carrying strap . . . . . | 42 173 |
| Soft-leather ever-ready case . . . . .                | 42 189 |



6360-410

### 8 x 32 B TRINOVID

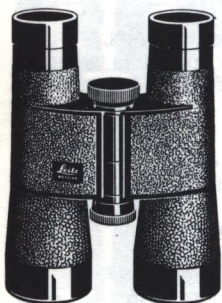
Universal binoculars with roll-back eyecups for spectacle wearers.

Magnification: 8 x  
 Objective diameter: 32mm  
 Diameter of exit pupil: 4mm  
 Twilight factor: 16  
 Light transmitting power: 16  
 Field of view:  
 130yd at 1000yd distance, 7.4°  
 Focusing range to about 6m (20ft)  
 Dimensions:  
 height approx. 117mm (4<sup>5</sup>/<sub>8</sub>"")  
 width approx. 115mm (4<sup>1</sup>/<sub>2</sub>"")

Code No.

### 8 x 32 TRINOVID

with carrying strap, especially suitable for spectacle wearers . . . . .	40 208
Flat, hard-leather case with carrying strap . . . . .	42 176
Soft-leather ever-ready case . . . . .	42 181



26432-410

### 8 x 40 B TRINOVID

Powerful binoculars with roll-back eyecups for spectacle wearers, especially suitable for hunting and sailing

Magnification: 8 x  
 Objective diameter: 40mm  
 Diameter of exit pupil: 5mm  
 Twilight factor: 17.9  
 Light transmitting power: 25  
 Field of view:  
 128yd at 1000yd distance, 7.3°  
 Focusing range to about 7.2m (24ft)  
 Dimensions:  
 height approx. 150mm (6")  
 width approx. 124mm (5")

Code No.

### 8 x 40 B TRINOVID

with carrying strap . . . . .	40 221
Flat, hard-leather case, with carrying strap . . . . .	42 174
Soft-leather ever-ready case . . . . .	42 179



6375-410

## 10 x 40 B TRINOVID

High-power binoculars with roll-back eyecups for spectacle wearers.

Magnification: 10 x

Objective diameter: 40mm

Diameter of exit pupil: 4mm

Twilight factor: 20

Light transmitting power: 16

Field of view:

110yd at 1000yd distance, 6.3°

Focusing range to about 9m (30ft)

Dimensions:

height approx. 143mm (5<sup>5</sup>/<sub>8</sub>"")

width approx. 122mm (4<sup>3</sup>/<sub>4</sub>"")

### 10 x 40 B TRINOVID

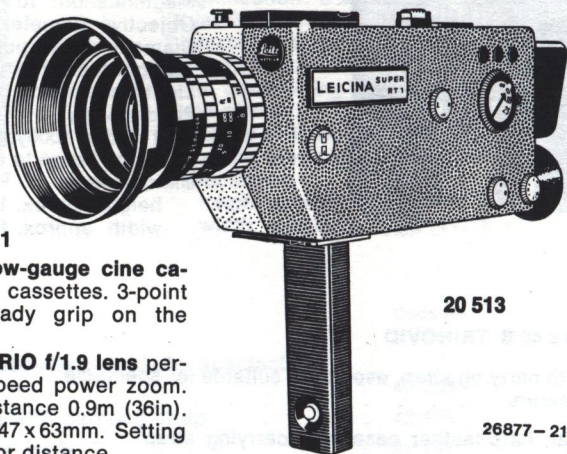
Code No.

with carrying strap, especially suitable for spectacle wearers . . . . .	40 228
Flat, hard-leather case with carrying strap . . . . .	42 177
Soft-leather ever-ready case . . . . .	42 185

### Accessories for TRINOVID binoculars

Roll-back eyecup (replacement) for all TRINOVID glasses	42 133
Roll-back eyecup (replacement) for TRINOVID 8 x 32 and 10 x 40 . . . . .	42 134
Carrying strap (replacement), adjustable for TRINOVID binoculars with eyelets . . . . .	42 147
Non-slip pad for strap (please state width and colour of strap . . . . .	14 094
Rubber rain guard . . . . .	42 101

# LEICINA® SUPER RT1



## LEICINA® SUPER RT1

**Fully electronic narrow-gauge cine camera** for Super-8 film cassettes. 3-point support ensures steady grip on the camera.

**8-64mm LEICINA-VARIO f/1.9 lens** permanently built-in. 2-speed power zoom. Minimum focusing distance 0.9m (36in). Smallest object field 47x63mm. Setting lever for focal length or distance.

**Through-the-lens light metering.** Fully automatic diaphragm control with new integrated-circuit electronics, controlled by photo resistor. Automatic adjustment for film speeds between 15 and 27 DIN (25-400 ASA) \*.

Correction facility of the automatic adjustment by +2, +1, -0.5, and -1 lens stops.

**Flicker-free, bright reflex finder** for parallax-free, focal-length-adjusted observation. Focusing by means of a central, diagonally positioned **split-image rangefinder**. Diaphragm indication with signal for "too little light" and "diaphragm completely closed" in the viewfinder. Film reserve indicator with colour code. Warning signal for tripod use (from 22mm focal length upwards). Spectacle wearer's eyepiece, adjustment range  $\pm 2$  dioptres.

**Electric film transport\*\*** powered by 5 midget batteries of 1.5v each. Running speeds **9, 18, 25, and 54 f.p.s.** Single-frame operation with exposure times of any duration, glow diode for shutter control.

**Release button in the hand grip.** Additional release on the camera body, with clamping facility.

**Battery tester.**

**Detachable battery housing.**

**Built-in conversion filter.**

**Single-frame counter** for up to 80 frames.

**Automatic switch-off** of the camera **at the end of the film.**

**Magnetic release** eliminates rattling during switching on and off.

**9-pole socket** for remote release, external supply, **synchro-impulse** for standard sound system (1 impulse per 4 frames or 1 impulse per frame), **flash impulse** and start of the sound tape.

**Facility for automatic fading out and in.**

**Automatic lap-dissolve device** with facility for double exposure.

Accessory holder.

**Lens stop set** on the camera can be immobilized.

**Control window** for inserted film.

**Hinged hand-grip.**

**Carrying loop.**

**1/4" tripod bush.**

**Gold-plated electrical contacts** ensure freedom from corrosion, reliability of function, and long life.

**Dimensions:** Height 102mm (4.1in), Width 71.5mm (2.7in), Length 290mm (11.6in).

20 513

26877-210

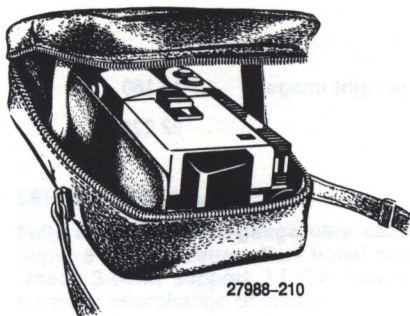
\* Camera requires workshop modification before Kodak 400 ASA black-and-white film cassette is used.

\*\* Cold-proofing to  $-30^{\circ}\text{C}$  or request.

**LEICINA SUPER RT 1**

with LEICINA-VARIO f/1.9-64mm lens (Series 7 filters)  
(without midget batteries) . . . . .

20 513

**Accessories**

22 444

27988-210

- Soft-leather ever-ready case for the basic outfit . . . . . 22 444  
 Supplementary front lens for close-ups down to 0.4m (16")  
 focusing distance (smallest object field 17 x 22mm) . . . . . 22 003  
 Leather case for same . . . . . 14 553  
 Cable release, length 50cm, with arresting screw . . . . . 14 076  
 Housing for 5 midget batteries (replacement) . . . . . 22 224  
 Two-part lens hood, accepting Series 7 filters  
 (replacement) . . . . . 22 222



22 227

27670-210

**ST 1 electronic control unit**

for continuous regulation of time-lapse shots (from 3 f.p.s. to 1 frame per 6 min, and scene durations from 0.2 to 10 sec), remote release, lip-sync. sound filming (socket for connecting a tape recorder for the transmission of the synchro-impulses - 1000 Hz generator built-in - and automatic tape start and stop), external power supply, and electronic-flash synchronization . . . . .

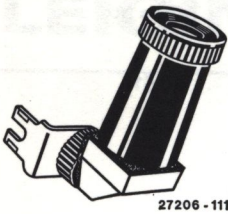
22 226

Cable connection between 9-pole socket on the camera and the control unit . . . . .

22 225

**ST 1 electronic control unit, complete** . . . . .

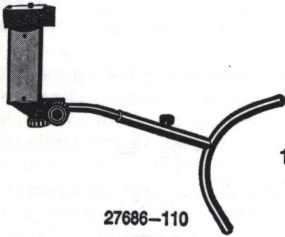
22 227



14 186

27206-111

<b>90° angle viewfinder, right-way-round, upright image</b> . . . . .	14 186
<b>Adapter for angle viewfinder</b> . . . . .	22 221



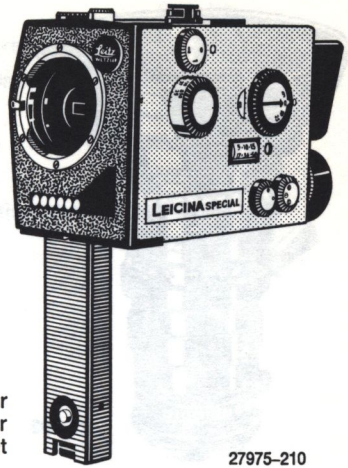
14 188

27686-110

<b>Universal handgrip with shoulder stock for filming without support in conjunction with longer focal lengths</b> . . . . .	14 188
<b>Cable release for universal handgrip with shoulder stock</b> . . . . .	22 219
<b>Long carrying strap</b> . . . . .	22 445
<b>Universal handgrip complete</b> . . . . .	<u>22 229</u>

<b>Circularly polarizing filter, series 7</b> . . . . .	13 370
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20 512



27975-210

## LEICINA SPECIAL

**Fully electric narrow-gauge cine camera** for Super-8 film cassettes. Functional shape for steady 3-point support. LEICA lens payonet for rapid interchange of lenses.

**Semi-automatic light metering through the lens** (follow pointer). Adjustment for film speeds within the range between 10 and 1000 ASA (11 and 31 DIN). Manual correction facility over the entire film speed setting range.

**Flicker-free, bright reflex finder** for parallax-free, focal-length-adjusted observation. Focusing by means of a central, diagonally positioned split-image rangefinder, microprism screen, or aerial image with crosslines. Film reserve indicator. Spectacle wearers' eyepiece, adjustable through  $\pm 3$  dioptres.

**Electric film transport** powered by 5 midget batteries of 1.5v each. Running speeds T, 1, 9, 18, 25, and 54 f.p.s. Single-frame operation with exposure times of any duration, glow diode for shutter control.

**Release button in the hand grip.** Additional release on the top of the camera body, with clamping facility, and connection for cable release.

**Battery tester.**

**Detachable battery housing.**

**Built-in conversion filter.**

**Single-frame counter** for up to 80 frames.

**Automatic switch-off** of the camera **at the end of the film.**

**Magnetic release** eliminates rattling during switching on and off.

**9-pole socket for remote release, external supply, synchro-impulse for standard sound system** (1 impulse per 4 frames). Flash impulse and start of the sound tape.

**Facility for fading out and in.**

**Automatic lap-dissolve device with facility for double exposure** (only in connection with the diaphragm setting motor of the OPTIVARON lens).

**Control window for inserted film.**

**Hinged hand grip.**

**Carrying loop.**

$\frac{1}{4}$  and  $\frac{3}{8}$ in tripod bush.

Freedom from corrosion.

**Reliability of function and long life ensured by gold-plated electrical contacts.**

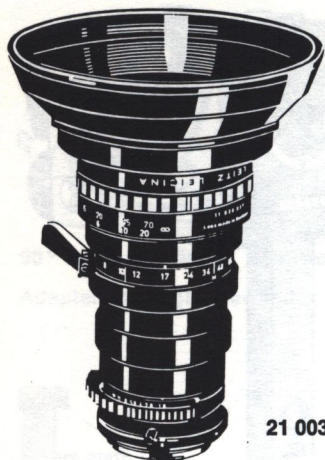
**Dimensions:** Height 102mm (4.2in), Width 83.5mm (3.3in), Length 160mm (6.2in).

## LEICINA SPECIAL

Code No.

Camera body (without lens and without midget batteries) 20 512





21 003

27983-210

## OPTIVARON® f/1.8 6-66mm

Zoom lens with 11 x zoom range

Angle of view: 58.4–6.3°

Number of elements: 15

Filter size: 8.5

Smallest aperture f/16, for lap dissolves the aperture can be completely closed.

Combined "feet-metre" scale

Focusing range: ∞–1.5m (5ft)

At "M" setting = macro zoom:

∞ up to the front lens

Smallest object field: 29 x 22mm

Lens hood

Black finish

Code No.

### OPTIVARON f/1.8 6–66mm

With lens hood . . . . . 21 003

### LEICINAMATIC

Device for automatic exposure control and power zoom in conjunction with the OPTIVARON f/1.8 6–66mm for the LEICINA SPECIAL.

Automatic exposure control can be disconnected.

Push-button for the rapid opening of the diaphragm (important with focusing). After release of the push-button the correct exposure time for the scene to be filmed will be automatically set.

Power zoom continuously adjustable for zooming rates between 1.5 and 6sec across the entire zoom range . . . 22 200

OPTIVARON f/1.8 6–66mm including LEICINAMATIC automatic device, complete . . . . . 21 004



27688-210

21 002

## MACRO-CINEGON® f/1.8 10mm

Standard lens of fixed focal length, with very long focusing range

Angle of view: 38.8°

Number of elements: 7

Filter size: 5.5

Smallest aperture: f/22, the aperture can be completely closed for lap dissolves

Combined "feet-metre" scale

Focusing range: ∞–0.12m (4.8in)

Smallest object field: 36 x 27mm

Non-rotating focusing mount

Lens hood

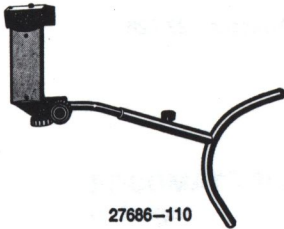
Black finish

Code No.

### MACRO-CINEGON f/1.8 10mm

in lens container with lens hood . . . . . 21 002

Lens hood for the OPTIVARON f/1.8 6-66mm (replacement)	22 215
Lens hood for the MACRO-CINEGON f/1.8 10mm (replacement)	22 214
Angle viewfinder	14 186
Holder for angle viewfinder	22 221
Cable release, length 50cm (20in) with arresting screw	14 076
Housing for midget batteries (replacement)	22 224



14 188

27686-110

<b>Universal hand grip with shoulder stock</b>	14 188
Long carrying strap	22 445
Cable release for the universal handgrip	22 219
<b>Universal hand grip complete</b>	<u>22 229</u>



22 227

27670-210

<b>ST 1 electronic control unit</b>	22 226
Connecting cable for same	22 225
<b>ST 1 electronic control unit</b>	<u>22 226</u>

Short carrying strap (replacement)	22 234
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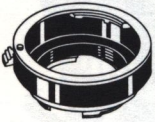
22 443

27992-210

Carrier bag, genuine leather, for LEICINA SPECIAL body, OPTIVARON lens, ST 1 control unit and further accessories	22 443
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**Required for the adaptation of other lenses:**

For LEICA M lenses: no adapter required as they can be directly attached



**22 228**

27987-210

For LEICAFLEX lenses:

Adapter 22 228

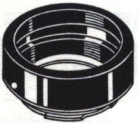


**22 230**

27985-210

For lenses with Arri-M-bayonet:

Adapter 22 230



**22 232**

27986-210

For lenses with M 42 x 1 - M connection:

Adapter 22 232



**22 233**

27984-210

For MINOLTA lenses:

Adapter 22 233

Additionally required for the use of LEICA lenses with screw thread:

Bayonet adapters:

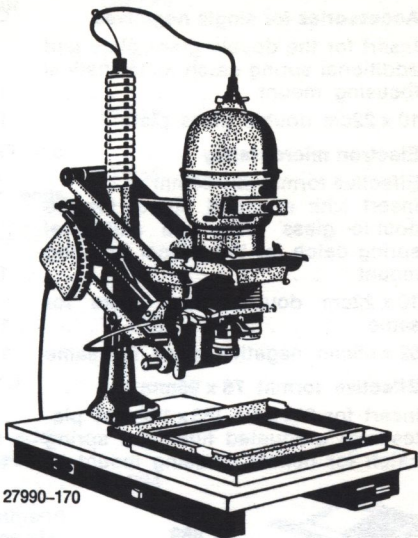
14 097, 14 098, or 14 099

Required for the use of VISOFLEX lenses (without VISOFLEX attachment):

Adapter . . . . . 543 195



# Special programme



27990-170

## FOCOMAT® II c enlarger

up to 6 x 9cm negative format

FOCOMAT II c with 53.5 x 74cm baseplate, 80cm column, dia. 6cm, parallelogram arm system, lamp housing, double condenser, FOCOTAR f/4.5 60mm and V-ELMAR f/4.5 100mm special enlarging lenses on lens changing slide with coupled change-over of the automatic focusing system, 24 x 36mm and 6 x 6cm negative masks, with 150W lamp, ready for connection, swivelling red filter, but without masking frame .

Code No.

Transilluminated enlargement indicator . . . . .	17 862
Filter drawer for 12 x 12cm correction filter . . . . .	17 864
FOCOMAT II c-COLOR complete . . . . .	17 870
Dust cover for FOCOMAT II c or II c-COLOR . . . . .	17 606
24 x 30cm masking frame . . . . .	17 584

### Accessories

Negative masks for the following formats

13 x 17mm . . . . .	17 897
18 x 24mm . . . . .	17 899
24 x 24mm . . . . .	17 887
28 x 28mm . . . . .	17 898
24 x 36mm (replacement) . . . . .	17 888
3 x 4cm . . . . .	17 889
4 x 4cm . . . . .	17 890
4.5 x 6cm . . . . .	17 891
4 x 6.5cm . . . . .	17 892
6 x 6cm (replacement) . . . . .	17 893
14 x 20mm "F 16" . . . . .	17 857
32 x 45mm "M" . . . . .	17 858
22.5 x 32mm "M 1/2" . . . . .	17 859

**Accessories for single negatives**

Code No.

- Insert for the double glass plate and additional spring catch for the helical focusing mount . . . . . 17 712
- 10 x 22cm double glass plate . . . . . 17 710

**Electron micrography**

- Effective format 62 x 65mm
- Insert with enlarged cutout for the double glass plate and additional spring catch for the helical focusing mount . . . . . 17 716
- 10 x 22cm double glass plate for same . . . . . 17 710
- 62 x 65mm negative mask for same . . . . . 17 803

**Effective format 76 x 95mm**

- Insert for 3 1/2 x 4in (83 x 102mm) plates with graduated filter and spring catch for helical focusing mount . . . . . 17 717



17 869

5652-17

**Glass negative carrier**

- For the formats 6.5 x 9 and 7 x 7cm . . . . . 17 869

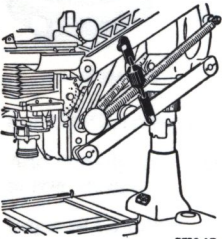


17 876

5570-17

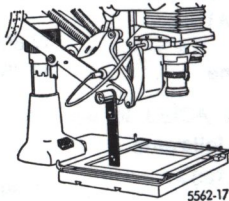
**Film pressure device**

- with 1-sided glass pressure plate (specially treated) for the 24 x 36mm format . . . . . 17 876



5580-17

17 861



5562-17



5578-17

16 617

**Increasing the enlarging range**

- Supplementary setting gauge for 1:1 and reductions (without 16 617 and 16 615) . . . . . 17 861
- Extension ring for same for the FOCOTAR 60mm for reductions down to 1:2.5 i.e. from the 6 x 9cm to the 24 x 36mm format . . . . . 16 617
- Extension ring for same for the 100mm V-ELMAR for 1:1 reproduction scale . . . . . 16 615

**Accessories for the AGFA colour head**

Code No.

- Adapter . . . . . 17 775
- Transilluminated enlargement indicator, part of **II c color** . . . . 17 862
- Graduated filter for FOCOMAT II c COLOR from 6x6cm onwards . . . 17 855  
(also recommended for black and white with contrasty paper)

**For the use of the AGFA VARIOMAT**

- Adapter ring, dia. 60mm . . . . . 17 633

**Device for correcting converging verticals**

- Film holder tilting device with additional bellows, film holder (specially treated) . . . . . 17 884

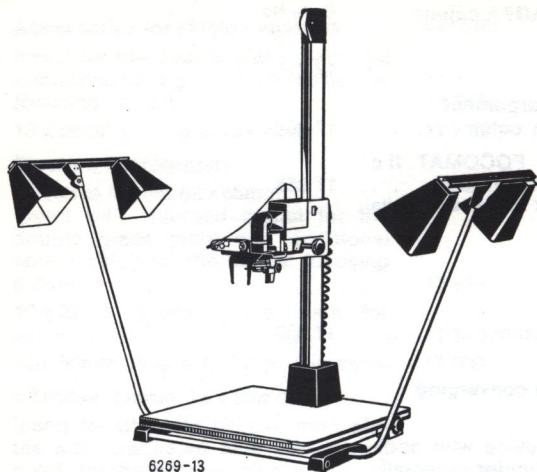
For colour enlarging we recommend the use of the automatic voltage stabilizer KH 120v 60Hz or 220v 50Hz, manufactured by and available from Zählerwerkstätten K. Biesinger, D-6935 Hirschhorn am Neckar.

For use only in combination with this voltage stabilizer:

- Special exposure timer\* . . . . . 17 804

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\* Please state voltage when ordering.



## REPROVIT® II a

Code No.

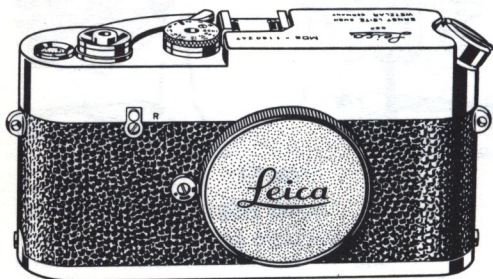
Universal copying outfit for the  
LEICA® MDa and the DOCUFLEX® 35

### 1) Stand

REPROVIT II a, consisting of 67 x 68cm baseboard, column with carrying arm, coarse and fine adjustment, built-in projection device and magnetic release, special focusing slide, angle magnifier, 4-lamp illuminator, forked lever and lens diaphragm lever for the automatic stopping down of the lens.

FOCOTAR® f/4.5 50mm lens,  
exposure timer

for 220v . . . . .	16 788
for 110v . . . . .	16 789



26011-110

- |                               |        |
|-------------------------------|--------|
| 2) LEICA MDa . . . . .        | 10 103 |
| 3) Recording device . . . . . | 14 142 |
| 100 marking strips . . . . .  | 14 170 |
| 4) Dust cover . . . . .       | 17 608 |



16 783

Repro-PHOTAR 25mm . . . . . 16 783



16 615

REPRO extension ring (height 26mm) 16 615



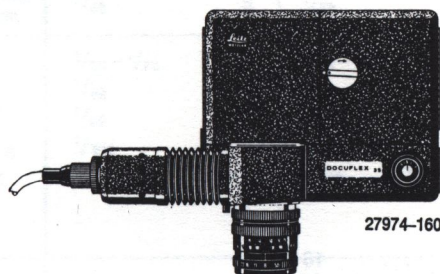
16 486

Vertical magnifier 5 x . . . . . 16 486



16 488

Magnifier, 5 x, angled at 90° (replacement) . . . 16 488



- 5) DOCUFLEX 35 recording device, consisting of a single-lens reflex camera with clear-glass viewfinder and all format outlines and test marks for focusing via projection, interchangeable  $f/5.6$  70mm lens, cable carrier for connecting the control unit to the DOCUFLEX 35, control unit for 110...240v 50-60Hz (maximum lamp load 1000W), foot switch . 16 774
- 6) Camera holder . . . . . 16 778



### Accessories for the DOCUFLEX 35

Code No.

Extension ring for close-up photography (four are required for 1:1) .

16 782

Viewing magnifier 4x . . . . .

16 779

For this purpose we recommend the special version of the DOCUFLEX 35 with **groundglass screen** (please state when ordering the camera).

### REPROVIT 35

Copying stand for the DOCUFLEX 35 consisting of

#### 1) Stand

66 x 67cm baseboard, column with carrying arm and 4-lamp illuminator . . . . .

16 714

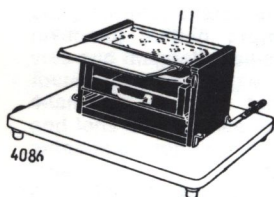
#### 2) DOCUFLEX 35 . . . . .

16 774

Complete outfit . . . . .

16 791

### Accessories for REPROVIT II a and REPROVIT 35



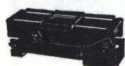
16 761

Framing box . . . . . 16 761



16 773

Light box . . . . . 16 773



16 786

Object stage . . . . . 16 786

# Tables

## Miscellaneous

### Flash setting values

▼	LEICA up to No. 360 000		LEICA from No. 360 001		LEICA I f, II f, III f	
	time	contact number	time	black contact number	time	red contact number
💡 XM 1 PF 1	1/20 1/30	14 13	1/15-1/20 1/30	9 16	1/15 1/25 1/50	2 5 10
💡 PF 5	1/20-1/30 1/40	14 11	1/15-1/30 1/40	16 11	1/15 1/25 1/50 1/75	2 14 11 5
💡 AG 1 AG 3 and flash cubes	1/20 1/30 1/40 1/60	10 12 8 5	1/15-1/20 1/30 1/40 1/60	8 11 8 5	1/15 1/25 1/50 1/75	2 9 8 3
💡 GE 5 25	1/20-1/30 1/40 1/60 1/100	14 11 9 7	1/15-1/30 1/40 1/60 1/100 1/200	16 11 8 5.5 4	1/15 1/25 1/50 1/75 1/100 1/200 1/500	2 14 11 6 4 2 1
💡 M 3	1/20 1/30 1/40 1/60	14 13 12 10	1/15-1/20 1/30 1/40 1/60	9 15 11 8	1/15 1/25 1/50 1/75	2 7 10 6
💡 All	T, 1 → 1/8 B	6 9	B, T 1 → 1/10	6	B, T 1 → 1/10	2
⚡ electronic flash	1/30 T, 1 → 1/20 B	0 4 6.5	1/30 T, 1 → 1/20 B	2 2 6	1/50 T, 1 → 1/25 B	20 0 2

LEICA		M 3 up to No. 854 000		I g, III g	
Electronic flash		⚡	B → 1/50	B	red ⚡ (= 1/30) ⚡ (= 1/50)
Flash Lamps	AG 1 AG 3 flash cubes M 2	⚡	B → 1/25	B	red ⚡ (= 1/30)
	XM 1 PF 1	💡	B → 1/50	B	→ 1/60*
	PF 5	💡	B → 1/100	B	→ 1/60*
	M 3	💡	B → 1/100	B	→ 1/125*
	GE 5 25	💡	B → 1/500	B	→ 1/500*

For T, 1 - 1/15 set the high-speed dial at ⚡ - (next to 30 - 1).

\* Except the setting red or black arrow

LEICA		MD, MDa, M 1, M 2, M 3, M 4 from No. 854 001	
Electronic flash		⚡	B → ⚡ (= 1/50)
Flash Lamps	AG 1 AG 3 flash cubes M 2	⚡	B → 1/30
	XM 1 PF 1	💡	B → 1/60
	PF 5	💡	B → 1/60
	M 3	💡	B → 1/125
	GE 5 25	💡	B → 1/500

⚡ = contact bush for electronic flash

💡 = contact bush for flashbulbs

LEICA		M 5	
Electronic flash		X	B → ● (= 1/50)
Flash Lamps	AG 1 AG 3 flash cubes M 2	X	B → 1/30
	XM 1 PF 1 XM 2 PF 5	M	B → 1/60
	M 3	M	B → 1/125
	GE 5 25	M	B → 1/500

X = contact bush for electronic flash and accessory shoe contact

M = contact bush for flashbulbs

### LEICAFLEX and LEICAFLEX SL

Electronic flash		B → ⚡ (= 1/100)	⚡ contact (top)
M 2		1 → 1/30	
Flash Lamps	AG 1 AG 3 flash cubes	1 → 1/60	💡 contact (bottom)
	XM 1 PF 1 XM 5 PF 5	1 → 1/125	
	GE 5 25	1 → 1/250	
	M 3		

## Tables of projection distances

Projection distances and screen image sizes for the 35mm format.

A square screen is necessary where both upright and horizontal slides are to be projected; the table below contains the lengths of the screen in ft and in.

For the projection of 38x38mm slides the given values must be increased by about 10%.

		Focal lengths in mm							
		35	50	90	120	150	200	250	300
Projection distance in feet	4'	3' 9"	2' 6"						
	6'	5' 9"	3' 10"						
	8'	7' 9"	5' 2"						
	10'	9' 9"	6' 6"	3' 8"					
	12'	11' 9"	7' 10"	4' 5"	3' 3"				
	15'		9' 11"	5' 7"	4' 2"	3' 3"			
	20'		13' 3"	7' 7"	5' 7"	4' 5"			
	25'			9' 6"	7' 1"	5' 7"	4' 2"		
	30'			11' 5"	8' 6"	6' 9"	5'	4'	
	35'			13' 5"	10'	7' 11"	5' 11"	4' 8"	3' 10"
	40'				11' 5"	9' 1"	6' 9"	5' 4"	4' 5"
	45'				12' 11"	10' 3"	7' 8"	6' 1"	5'
	50'					11' 5"	8' 6"	6' 9"	5' 7"
	55'					12' 7"	9' 5"	7' 6"	6' 2"
	60'						10' 3"	8' 2"	6' 9"
	65'						11' 2"	8' 10"	7' 4"
	70'						12'	9' 7"	7' 11"
	75'						12' 11"	10' 3"	8' 6"
	80'						13' 9"	11'	9' 1"
	85'							11' 8"	9' 8"
90'							12' 4"	10' 3"	
95'							13' 1"	10' 10"	
100'							13' 9"	11' 5"	
110'								12' 7"	
120'								13' 9"	

Projection distances and screen image sizes for the **6 x 6cm** (2<sup>1</sup>/<sub>4</sub> x 2<sup>1</sup>/<sub>4</sub>" ) and 7 x 7cm (2<sup>3</sup>/<sub>4</sub> x 2<sup>3</sup>/<sub>4</sub>" ) format (transparency size 54 x 54mm).

		Focal lengths in mm			
		150	200	250	300
Projection distance in feet	10'	3' 3"			
	12'	4'	2' 11"		
	15'	5' 1"	3' 8"	2' 11"	
	20'	6' 10"	5' 1"	4'	3' 3"
	25'	8' 8"	6' 5"	5' 1"	4' 2"
	30'	10' 5"	7' 9"	6' 2"	5' 1"
	35'	12' 3"	9' 1"	7' 2"	5' 11"
	40'	14' 1"	10' 5"	8' 3"	6' 10"
	45'		11' 10"	9' 4"	7' 9"
	50'		13' 2"	10' 5"	8' 8"
	55'		14' 6"	11' 6"	9' 7"
	60'			12' 7"	10' 5"
	65'			13' 8"	11' 4"
	70'				12' 3"
	75'				13' 2"
	80'				14' 1"
	85'				14' 11"

Projection distance and screen image size for the **pocket format 110**  
= 12 x 15.8mm.

A square screen is required for projection in the upright and horizontal formats. The side length of the screen in m can be obtained from the table below.

		Lens focal lengths in mm		
		45	50	90
Projection distances in m	1	0.35	0.30	0.20
	2	0.70	0.60	0.35
	3	1.05	0.95	0.55
	4	1.40	1.25	0.70
	5	1.75	1.60	0.90
	6	2.10	1.90	1.10
	7	2.45	2.20	1.25
	8	2.80	2.50	1.40
	9	3.15	2.85	1.60
	10	3.50	3.15	1.75

## Existing interchangeable lenses on the LEICA M 5

All lenses with LEICA bayonet mount, and, with a suitable bayonet adapter, the earlier, screw-thread versions of LEICA lenses can be used on the LEICA M 5.

With minor exceptions or restrictions they can also be fully utilized for selective light metering through the lens.

### Exceptions:

1. When a lens is **collapsible**, collapsibility must be limited to the permissible amount by means of a protective tape. **The lens need not be returned to the factory.** The protective tape is available in various widths internationally from Messrs DYMO.

The tape should surround the lens mount leaving a gap of 1mm. To obtain the right length, a paper pattern should first be cut.

Collapsible lens		Required width of tape
ELMAR	f/3.5 50mm	9.5mm
ELMAR	f/2.8 50mm	
SUMMAR	f/2 50mm	
SUMMITAR	f/2 50mm	
SUMMICRON	f/2 50mm	
ELMAR	f/4 90mm	12.7mm
HEKTOR	f/2.5 50mm	

### 2. Lenses to be returned to the LEITZ After-Sales Service, National Agency, or authorized workshop for adaptation:

- a) 21mm and 28mm wide-angle lenses, parts of whose mounts protrude too deeply into the camera body.

A recess in the lens bayonet prevents the swinging-in of the photo resistor. The lenses can be subsequently attached – but exposure measurement through the lens is not possible.

SUPER ANGULON	f/4 21mm	with screw thread. Only the <b>bayonet adapter</b> (Code No. 14 097) has to be changed. Please state for: 21mm
SUPER ANGULON	f/4 21mm	with bayonet mount
SUPER ANGULON	f/3.4 21mm	with bayonet mount (below Serial No. 2473251)
ELMARIT	f/2.8 28mm	with bayonet mount (below Serial No. 2314921)

b) lenses whose detachable viewfinder attachments foul the cover plate of the LEICA M 5.

Lens bayonet and viewfinder attachment must be re-machined.

SUMMARON	f/3.5 35mm	with <b>detachable</b> viewfinder attachment
SUMMICRON	f/2 50mm	with <b>near-focusing range</b>

In addition the VISOFLEX I and II and the universal focusing bellows can be used with the LEICA M 5. With these accessories, selective light metering is also possible with photography from a tripod. The measured value is read in the measuring viewfinder of the camera when the mirror is swung out.

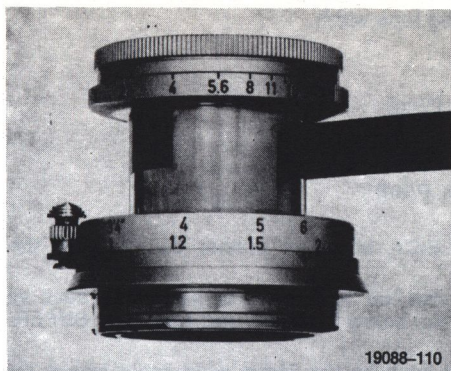
The VISOFLEX II cannot be used.

Please use only the body cover supplied with the M 5 as other types may damage the meter pin.

**Attention:**

In the LEICA M 5 only films in cassettes with standardized spools (to DIN 4535 or ISO/R 1007 standards) can be used. These spools have drive lugs on both ends. The rewind key of the LEICA M 5 (see illustration) engages in the drive lugs facing the camera baseplate.





### Interchangeable LEICA M lenses on the LEICA CL

The bayonet lens mount of the LEICA® CL is identical with that of the LEICA M models. Hence numerous LEICA M lenses are usable on the LEICA CL. In addition, older screw-thread lenses can be used with the appropriate bayonet/screw adapter rings (Code No. 14 097 for 50mm, Code No. 14 098 for 28mm and 90mm and Code No. 14 099 for 35mm).

The LEICA CL finder incorporates bright-line frames for the 40mm, 50mm, and 90mm fields of view. The entire visible field is approximately that for 35mm lenses. 28mm lenses require the finder Code No. 12 007.

#### Exceptions:

1. The following lenses, when used on the LEICA CL, require removal of their lens hoods, particularly at close distances:

- 35mm SUMMICRON f/2
- 35mm SUMMILUX f/1.4
- 50mm SUMMILUX f/1.4
- 50mm NOCTILUX f/1.2
- 90mm ELMARIT f/2.8

When used on the LEICA CL, the high-speed 50mm SUMMILUX f/1.4 and 50mm NOCTILUX f/1.2 lenses should be stopped down to at least f/2.

2. Lenses with extended focusing range:

The LEICA CL rangefinder covers a focusing range from infinity down to 0.8m (32"). Some LEICA M lenses focus on still nearer distances, but only with their distance scales, not the rangefinder:

- 28mm ELMARIT f/2.8
- 35mm SUMMICRON f/2
- 50mm SUMMICRON f/2 (Code No. 11 817)

The 50mm SUMMICRON f/2 (dual-range) can be used without its near-focusing attachment only, i.e. down to a distance of 1m (3' 4").

3. Collapsible lenses need safety strips to limit the retraction of the lens barrel. These can be fitted by the user, employing embossing tapes available everywhere for Dymo and similar embossing machines. Apply the tape round the lens barrel, leaving a gap of about 1mm. To cut the right length first make a paper template.



Collapsible lens:	Required tape width	
50mm ELMAR	f/3.5	} 9.5mm ( <sup>3</sup> / <sub>8</sub> in)
50mm ELMAR	f/2.8	
50mm SUMMAR	f/2	
50mm SUMMITAR	f/2	
90mm ELMAR	f/4	
50mm HEKTOR	f/2.5	12.7mm ( <sup>1</sup> / <sub>2</sub> in)

4. The following lenses of the LEICA M range cannot be used on the LEICA CL:

- a. Lenses whose rear mount protrudes too far into the camera body, such as the 28mm ELMARIT f/2.8 (Serial No. below 2314921) and the 21mm SUPER-ANGULON.
- b. Lenses with a finder attachment such as the 35mm wide-angle lenses for the LEICA M3 and the 135mm ELMARIT f/2.8.
- c. The 90mm SUMMICRON f/2 and the 135mm TELE-ELMAR f/4.

#### **CL Lenses on LEICA M cameras**

Screw-thread LEICA lenses and lenses for the LEICA M models have a differential helical focusing movement, i.e. the rear focusing barrel bearing against the rangefinder coupling roller moves only in and out. For a more compact and lightweight design, the 40mm SUMMICRON-C f/2 and 90mm ELMAR-C f/4 for the LEICA CL have instead a direct rear focusing cam. These lenses can be mounted on the LEICA M, but do not provide precise coupling with the rangefinder. For this reason we do not recommend the use of the CL lenses on the LEICA M cameras.

1925



1975



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