



LEITZ® AUTHORIZED DEALER CATALOG

LEICA R CAMERAS

PAGE 1

LEICA R4



Compact, single-lens, electronically controlled 35 mm SLR with alternative through-the-lens metering methods: LEITZ spot metering or LEITZ averaging metering.

Combined with multiple automatic programs: aperture preferred for automatic shutter speed control with aperture preselection, shutter preferred for automatic aperture control with shutter speed preselection, automatic program mode (both shutter and aperture automatically controlled), and dedicated flash synchronization.

Interchangeable focusing screens. Attachable data back. Rapid motor winder alternatively with attachable MOTOR-WINDER R4 or MOTOR-DRIVE R4.

Programs:

There are 5 metering modes:

- 1) Aperture preferred with LEITZ spot metering.
- 2) Aperture preferred with LEITZ averaging metering.
- 3) Program mode with LEITZ averaging metering.
- 4) Shutter-preferred with LEITZ averaging metering.
- 5) Manual setting of shutter speed and aperture with LEITZ spot metering.

In addition: Automatic flash control

LEICA R4, black chromium finish

Complete with camera cap, carrying strap 10043

LEICA R4, silver chromium finish

Complete with camera cap, carrying strap 10041

LEICA R4S



Compact, single-lens, electronically controlled 35 mm SLR with alternative through-the-lens metering methods: LEITZ spot metering or LEITZ averaging metering. It offers a choice of exposure modes, interchangeable focusing screens, attachable data back. Will accept a motor winder or a motor drive.

Programs:

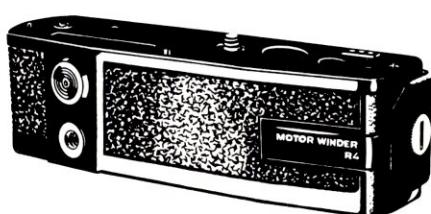
There are three exposure modes available:

- 1) Aperture preferred with spot metering.
- 2) Aperture preferred with averaging metering.
- 3) Manual setting of shutter speed and aperture with spot metering.

LEICA R4S, black chromium finish

Complete with body cap, and carrying strap 10045

MOTOR WINDER R4



Compact motor winder for film transport and shutter wind, for the LEICA R4 only. Patented, quietly running uncoiling drive with load-dependent force lock.

Single-frame and continuous release. Frame frequency up to 2 fps.

Practical handgrip button for continuous release as accessory.

Socket for the Remote Control LEICA R electronic control unit and other electric releases (see Accessory).

Battery pack for 6 rechargeable or ordinary AA batteries for very convenient and quick interchange.

MOTOR WINDER R4

with cover 14282

MOTOR DRIVE R4



Compact, handy Motor Drive for film transport and shutter wind, for the LEICA R4 only.

Special LEITZ gear design ensures quiet running.

Series releases of 4fps, 2fps, and single-frame release as required.

Practical handgrip with release button as accessory.

Socket for the Remote Control LEICA R electronic unit and other electric releases (see Accessory Range).

Very convenient and quick interchangeable battery pack, for 10 ordinary or NiCd AA rechargeable batteries.

MOTOR DRIVE R4

with cover 14309

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Accessories for the MOTOR WINDER R4-MOTOR DRIVE R4

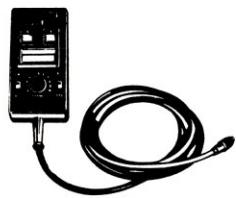
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Handgrip R4 for hand-held exposures

Sturdy, practical design with ridged button for continuous releases, adjustable leather loop, screw with coin slot for attaching the handgrip to the Motor Winder R4 or Motor Drive R4.

Handgrip R4 14283



Remote Control LEICA R electronic control unit (RC LEICA R)

Electronic control unit for remote release.

Built-in timer for time-lapse photography.

7 integrated circuits in C-MOS-technology.

Digital display of the completed exposure through feedback of the camera.

Connects to Motor Winders R3, R4 and Motor Drive R4.

Remote Control LEICA R (RC LEICA R) 14277



Tripod holder R4

for the use of the LEICA R4 in combination with long-focal-length lenses on a tripod or with the universal handgrip. Sturdy design with two knurled screws, fits into the tripod threads of the MOTOR WINDER R4 or the MOTOR DRIVE R4.

Holder with 1/4 in. thread for photographic tripods.

Tripod Holder R4 14284



Electric release switch R4

for universal handgrip with 0.3 m cable and screw plug:

Practical accessory for photography with long-focal-length lenses such as the 250 mm f/4, 350 mm f/4.8, 400 mm f/6.8, 560 mm f/6.8, 280 mm f/2.8.

When inserted in the pistol grip the push button can be directly connected with the screw plug via the 0.3 m cable to the MOTOR WINDER R4 or the MOTOR DRIVE R4.

Electric release switch R4 0.3 m 14237

Electric cable release

for remote release with 5 m (16 ft.) cable and screw plug. In conjunction with extension cables of 25 m length (14274) for electric remote release up to 100 m distance.

Electric cable release 5 m 14272

25 m (80 ft.) extension cable

(as extension between 14272, 14277, and Motor Winder or Motor Drive R4)

Extension cable 25 m 14274

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Accessories

PAGE 3

Adapter for external supply MW-R



for connection to external current sources; with 1 m appliance cable and screw plug.

(The adapter for the external supply MW-R is inserted in the Winder in the place of the battery housing.)

Usable on Motor Winder R4 and R3.

Possibilities of connection:

Battery housing (with holder 14279) if at low temperatures the batteries have to be kept at body heat and have therefore to be carried externally.

Adapter for external supply MW-R 14278
Extension cable 5 m MW-R for external supply 14293

Holder for the battery housing MW-R



with sockets marked "+" and "-" for the battery poles.

Usable on Motor Winder R4 and R3.

External current supply of the Motor Winder R4 by means of the adapter for external supply MW-R, Code No. 14278. Built-in screw socket.

Holder for the battery housing MW-R 14279

Battery Pack for rechargeable and ordinary batteries MW-R



for the MOTOR-WINDER R4, and Motor Winder R3, replacement.

For heavy-duty work (prolonged operation, low temperatures, expeditions) a second housing with fresh or recharged batteries offers additional reliability. Can be changed within seconds with a single action.

Housing for rechargeable or ordinary batteries 14280

Adapter for external supply MD-R



For connection to external current sources; with 1 m appliance cable and screw plug.

(The adapter for the external supply MD-R is inserted in the drive in the place of the battery housing.)

Possibilities of connection:

Battery housing (with holder 14279) if at low temperatures the batteries have to be kept at body heat and must therefore be carried externally.

Adapter for external supply MD-R 14323
Extension cable 5 m MD-R for external supply 14325

Housing for ordinary or rechargeable AA batteries MD-R

for the MOTOR DRIVE R4 as replacement



For heavy-duty work (prolonged operation, low temperatures, expeditions) a second housing with fresh or recharged batteries offers additional reliability. Can be exchanged with a single action within seconds. The housing has sockets for the following connection.

For the 10 battery external current supply of the MOTOR DRIVE R4.

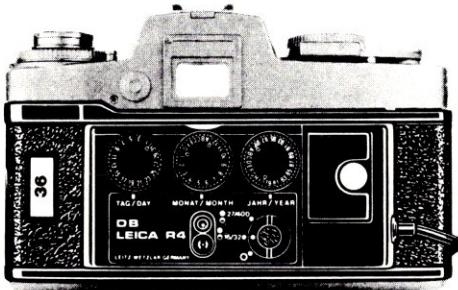
Housing for ordinary or rechargeable batteries MD-R 14322

Accessories

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Data Back DB LEICA R4



Camera back with device for exposing data onto film.

The DB LEICA R4 data back can be exchanged with the LEICA R4 camera back.

Fading-in of day, month, year (date) or figures or letters (code) through flash diode in the bottom-right-hand corner of the picture together with the exposure.

Day selector: numbers from 1 to 31 and one empty field.

Month selector: numbers from 1 to 12, letters from A to G and 2 empty fields.

Year selector: numbers from 80 to 99, letters from A to K and 2 empty fields.

Dimensions of the data field on the film about 0.7 x 4.5 mm.

On/off switch, also selector for the adjustment to films of different speed.

Cable connection to the flash contact of the camera.

Current supply by two silver oxide 1.5v button cells (S76 type) sufficient for more than 100 films.

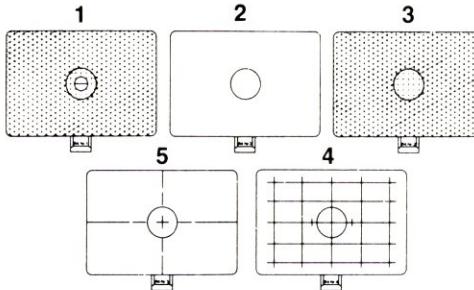
Battery test button.

Film cartridge viewing window.

Dimensions: about 137 x 54 x 30 mm.

Data Back DB LEICA R4 14297

Interchangeable focusing screens



Universal screen with split image (replacement) (1)	14303
in case with dust brush and forceps for interchange	
Plain groundglass screen (2)	14304
in case with dust brush and forceps for interchange	
Microprism screen (3)	14305
in case with dust brush and forceps for interchange	
Groundglass screen with grid division (4)	14306
in case with dust brush and forceps for interchange	
Clearglass screen with crosslines (5)	14307
in case with dust brush and forceps for interchange	

Correction lenses, supplied with retaining clip, which slides over the eyepiece.



+0.5	14240
+1.0	14241
+1.5	14242
+2.0	14243
+3.0	14244
-0.5	14245
-1.0	14246
-1.5	14247
-2.0	14248
-3.0	14249

Will fit R4, R4S, R3, R3 MOT

Eyecup



Eyecup	14257
can also be used in combination with the correction lenses in place of the above retaining clip	
Usable on R4, R4S, R3 MOT, R3, SL2.	

Angle finder



for viewing from above, but also for unnoticed photography "round the corner" or above people's heads.

For the LEICA R4/LEICAFLEX SL/SL2, R4/R4S

90° angle finder, right-way-round, upright image, focusing eyepiece 14326

For the LEICA R3/R3 MOT

90° angle finder, right-way-round, upright image, focusing eyepiece 14288

Adapter



Adapter for the use of VISOFLEX 2/3 lenses of the LEICA M range on the LEICAFLEX SL/SL2, LEICA R (at working aperture) 14167

Twin flash socket cover (replacement) 14183

Flash socket cover for **LEICA R4**, 14314

Replacement caps: 14162

Rear cover (= rear cover for lens) 14102

Front cap (= camera body cover) 14103

LEICA-R-lenses

15 mm SUPER-ELMAR-R f/3.5

High-speed lens of extremely large angle of view



Angle of view: 110°
 Number of elements: 13 (12 components)
 Correction of optical aberrations by means of floating elements
 Built-in turret with 4 filters:
 UV., yellow, orange, blue (conversion filter)
 Fully-automatic preset diaphragm with click-stops (including 1/2 values)
 Smallest aperture: f/22
 Combined feet-metre scale
 Focusing range: ∞ to 0.16 m (6.3 in)

Smallest object field: 70 x 16 mm
 Rubberized focusing ring
 Non-rotating focusing mount
 Hard-chrome LEICA R rapid bayonet
 Black finish
 Built-on lens hood
 Lens cap Ø: A 83.5 mm
 Length from bayonet flange: 92.5 mm
 Maximum diameter: 83.5 mm
 Weight: 0.815 kg

11213

16 mm FISHEYE-ELMARIT-R f/2.8

Fisheye lens for special pictorial effects
 (only for the LEICA R models and LEICAFLEX SL 2/SL 2 MOT)



Angle of view: 180°
 Number of elements: 11 (8 components)
 Built-in turret with 4 filters:
 UV., yellow, orange, blue 80B (conversion)
 Fully automatic preset diaphragm with click-stops (including 1/2 values)
 Smallest aperture: f/16
 Combined "feet-metre" scale
 Focusing range: ∞ to 0.3 m (12 in)

Smallest object field: 401 x 601 mm
 Non-rotating focusing mount
 Hard-chrome LEICA-R rapid bayonet
 Black finish
 Built-on lens hood
 Lens cap dia. A 65 mm
 Length from bayonet flange: 60 mm
 Diameter: 71 mm
 Weight: 0.470 kg

11222

19 mm ELMARIT-R f/2.8

Fast ultra-wide-angle lens



Angle of view: 97.5°
 Number of elements: 9 (7 components)
 Internal thread: M 82 x 0.75
 Fully automatic pre-set diaphragm with click-stops (including 1/2 values)
 Smallest aperture: f/16
 Combined "feet-metre" scale
 Focusing range: ∞ to 0.3 m (12 in)
 Smallest object field:
 261 x 392 mm | 10.3 x 15.4 in (about 1:10)

Non-rotating focusing mount
 Hard-chrome LEICA-R rapid bayonet
 Black finish
 Lockable lens hood
 Lens cap dia. A 88 mm
 Length from bayonet flange: 60 mm
 Diameter: 88 mm
 Weight: 0.500 kg

11225

21 mm SUPER-ANGULON®-R f/4

Wide-angle lens of extremely wide angle of view



Angle of view: 92°
 Number of elements: 10 (8 components)
 Filter size: 8.5
 Internal thread: M 75 x 0.75
 Fully automatic pre-set diaphragm with click-stops (including 1/2 values)
 Smallest aperture: f/22
 Combined "feet-metre" scale
 Focusing range: ∞ to 0.2 m (8 in)
 Smallest object field:
 148 x 221 mm (6 x 8.75 in approx)

Non-rotating focusing mount
 Hard-chrome LEICA-R rapid bayonet
 Black finish
 Lens hood lockable, also adapter
 For Series 8.5 filters
 Lens cap dia. A 75 mm
 Length from bayonet flange: 43.5 mm
 Diameter: 78 mm
 Weight: 0.410 kg

11813

21 mm SUPER-ANGULON f/4
 with lens hood, lens cap and rear cover

LEICA-R-lenses

24 mm ELMARIT-R f/2.8

Lens of very wide angle of view
(only for the LEICA R models and for LEICAFLEX SL 2/SL 2 MOT)



Angle of view: 84°
Number of elements: 9 (7 components)
Correction of aberrations
through floating elements
Filter size: 8
Internal thread: M 60 x 0.75
Fully-automatic pre-set diaphragm
with click-stops (including 1/2 values)
Smallest aperture: f/22
Combined "feet-metre" scale
Focusing range: ∞ to 0.3 m (12 in)

Non-rotating focusing mount
Smallest object field:
250 x 374 mm | 10 x 15 in (about 1:10.5)|
Non-rotating focusing mount
Hard-chrome LEICA-R rapid bayonet
Black finish
Lens hood lockable,
also adapter for Series 8 filters
Lens cap: 14290
Length from bayonet flange: 46 mm
Diameter: 67 mm
Weight: 0.429 kg

24 mm ELMARIT-R f/2.8
with lens hood, lens cap and rear cover

11221

28 mm ELMARIT®-R f/2.8

Wide-angle lens



Angle of view: 76°
Number of elements: 8 (8 components)
Filter size: 7
Internal thread: M 48 x 0.75
Fully automatic preset diaphragm
with click-stops (including 1/2 values)
Smallest aperture: f/22
Combined "feet-metre" scale
Focusing range: ∞ to 0.3 m (12 in)

Smallest object field:
188 x 282 mm | 7.5 x 11.3 in (about 1:8)|
Non-rotating focusing mount
Hard-chrome LEICA-R rapid bayonet
Black finish
Locking lens hood,
also adapter for Series 7 filters
Lens cap dia. A 51 mm
Length from bayonet flange: 40 mm
Diameter: 63 mm
Weight: 0.275 kg

28 mm ELMARIT-R f/2.8
with lens hood, lens cap and rear cover

11204

35 mm SUMMILUX-R f/1.4

Very fast wide angle lens



Angle of view: 64°
Number of elements: 10 (9 components)
Internal thread: M 67 x 0.75
Fully automatic preset diaphragm
with click-stops (including 1/2 values)
Smallest aperture: f/16
Combined "feet-metre" scale
Focusing range: ∞ to 0.5 m (20 in)

Smallest object field: 266 x 399 mm
Non-rotating focusing mount
Hard-chrome LEICA-R rapid bayonet
Black finish
Built-on, extendible lens hood
Lens cap diameter A 75 mm
Length from bayonet flange: 76 mm
Diameter: 75 mm
Weight: 0.660 kg (23.3 oz)

35 mm SUMMILUX-R f/1.4
with lens hood, lens cap and rear cover

11143

35 mm PA-CURTAGON-R f/4

Wide-angle lens without pre-set diaphragm with perspective compensation



Displacement from the optical axis:
7 mm to the left and right, top and bottom
Radial adjustment: at 90° click-stop intervals
Angle of view: 63-78°
Number of elements: 7 (6 components)
Filter size: 8
Internal thread: M 60 x 0.75
Click-stops
Smallest aperture: f/22
Combined "feet-metre" scale
Focusing range: ∞ to 0.3 m (12 in)

Smallest object field:
140 x 210 mm | 5.5 x 8.3 in (about 1:6)|
Non-rotating focusing mount
Hard-chrome LEICA-R rapid bayonet
Black finish, with bright decorative ring
Lockable lens hood,
also adapter for Series 8 filters
Lens cap: 14290
Length from bayonet flange: 51 mm
Diameter: 70 mm
Weight: 0.29 kg

35 mm PA-CURTAGON-R f/4
with lens hood, lens cap and rear cover

11202

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LEICA-R-lenses

35 mm ELMARIT-R f/2.8

Wide-angle lens



Angle of view: 64°
 Number of elements: 7 (6 components)
 Filter size: E 55 or Series 7
 For Series 7 filters the
 adapter 14225 is required
 Internal thread: M55 x 0.75
 Fully automatic pre-set diaphragm
 with click-stops (including 1/2 values)
 Smallest aperture: f/22
 Combined "feet-metre" scale

Focusing range: ∞ to 0.3 m (12 in)
 Smallest object field:
 140 x 210 mm (5 3/4 x 8 in (about 1:6))
 Non-rotating focusing mount
 Hard-chrome LEICA-R rapid bayonet
 Black finish
 Built-on, extensible lens hood
 Lens cap: 14289
 Length from bayonet flange: 41.5 mm
 Diameter: 66 mm
 Weight: 0.34 kg

35 mm ELMARIT-R f/2.8
 with lens hood, lens cap and rear cover

11231

35 mm SUMMICRON®-R f/2

Fast wide-angle view



Angle of view: 64°
 Number of elements: 6 (6 components)
 Filter size: E 55 or Series 7
 For Series 7 filters the
 adapter 14225 is required
 Internal thread: M 55 x 0.75
 Fully automatic pre-set diaphragm
 with click-stops (including 1/2 values)
 Smallest aperture: f/16
 Combined "feet-metre" scale

Focusing range: ∞ to 0.3 m (12 in)
 Smallest object field: 140 x 210 mm
 Non-rotating focusing mount
 Hard-chrome LEICA-R rapid bayonet
 Black finish
 Built-on, extendable lens hood
 Lens cap: 14289
 Length from bayonet flange: 54 mm
 Diameter: 66 mm
 Weight: 0.422 kg

35 mm SUMMICRON-R f/2
 With lens hood, lens cap and rear cover

11115

50 mm SUMMICRON-R f/2

Fast universal lens



Angle of view: 45°
 Number of elements: 6 (4 components)
 Filter size: E 55 or Series 7
 For Series 7 filters the
 adapter 14225 is required
 Internal thread: M 55 x 0.75
 Fully automatic pre-set diaphragm
 with click-stops (including 1/2 values)
 Smallest aperture: f/16
 Combined "feet-metre" scale

Focusing range: ∞ to 0.5 m (20 in)
 Smallest object field:
 180 x 270 mm (7.5 x 10.75 in (about 1: 7.5))
 Non-rotating focusing mount
 Hard-chrome LEICA-R rapid bayonet
 Black finish
 Built-on, extendable lens hood
 Lens cap: 14289
 Length from bayonet flange: 41 mm
 Diameter: 66 mm
 Weight: 0.250 kg

50 mm SUMMICRON-R f/2
 With lens hood, lens cap and rear cover
 Universal version for all LEICA-R and LEICAFLEX models

11215
11216

For LEICA-R only

50 mm SUMMILUX®-R f/1.4

Ultra-fast lens



Angle of view: 45°
 Number of elements: 7 (6 components)
 Filter size: E 55 or Series 7
 For Series 7 filters the
 adapter 14225 is required
 Internal thread: M 55 x 0.75
 Fully automatic pre-set diaphragm
 with click-stops (including 1/2 values)
 Smallest aperture: f/16
 Combined "feet-metre" scale

Focusing range: ∞ to 0.5 m (20 in)
 Smallest object field: 180 x 270 mm
 (7.1 x 10.6 in)
 Rubberized focusing ring
 Non-rotating focusing mount
 Hard-chrome LEICA-R rapid bayonet
 Black finish
 Built-on, extendable lens hood
 Lens cap: 14289
 Length from bayonet flange: 50.6 mm
 Diameter: 66.5 mm
 Weight: 0.395 kg

50 mm SUMMILUX-R f/1.4
 With lens hood, lens cap and rear cover

11776

LEICA-R-lenses

60 mm MACRO-ELMARIT®-R f/2.8

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



Angle of view: 39°
 Number of elements: 6 (5 components)
 Filter size: E 55 or Series 7
 For Series 7 filters the adapter 14225 is required
 Internal thread: M 55 x 0.75
 Fully automatic pre-set diaphragm, also with Macro Adapter R
 Click-stops (including $\frac{1}{2}$ values)
 Smallest aperture: f/22
 Combined "feet-metre" scale, reproduction scales are also engraved
 Focusing range: ∞ to 27 cm
 Free working distance: 15 cm
 With Macro Adapter R: 27 to 24 cm

Free working distance: 16 to 10 cm
 Smallest object field: 48 x 72 mm (1.9 x 2.9 in) (1:2)
 with Macro Adapter R: 24 x 36 mm (0.9 x 1.4 in) (1:1)
 Non-rotating focusing mount
 Hard-chrome LEICA-R rapid bayonet
 Black finish
 Lens cap: 14289
 Length from bayonet flange: 62.3 mm
 Diameter: 67.5 mm
 Length of the Macro adapter: 30 mm
 Diameter of the Macro adapter: 62 mm
 Weight: 0.39 kg
 Weight of the Macro adapter R: 0.13 kg

60 mm MACRO-ELMARIT-R f/2.8
 With lens cap and rear cover

11212

MACRO-ADAPTER-R for the LEICA R4/LEICA R3

14256

For use with aperture preferred and manual setting of shutter speed and aperture. Can be used with other auto diaphragm LEICA-R Lenses.

LEICAFLEX SL/SL2 1:1 Adapter for 60 mm MACRO-ELMARIT-R f/2.8

14198

80 mm SUMMILUX-R f/1.4

Ultra-high-speed lens of long focal length



Angle of view: 30°
 Number of elements: 7 (5 components)
 Filter size: E 67 or Series 8
 For Series 8 filters the adapter 14264 is required
 Internal thread: M 67 x 0.75
 Fully automatic pre-set diaphragm with click-stops (including $\frac{1}{2}$ values)
 Smallest aperture: f/16
 Combined "feet-metre" scale
 Focusing range: ∞ to 0.8 m (32 in)

Smallest object field: 192 x 288 mm (7.6 x 11.3 in) (about 1:8)
 Rubberized focusing ring
 Non-rotating focusing mount
 Hard-chrome LEICA-R rapid bayonet
 Black finish
 Built-on, extendable lens hood
 Lens cap: 14291
 Length from bayonet flange: 69 mm
 Diameter: 75 mm
 Weight: 0.625 kg

80 mm SUMMILUX-R f/1.4
 With lens hood, lens cap and rear cover

11880

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90 mm ELMARIT-R f/2.8

Universal lens of long focal length



Angle of view: 27°
 Number of elements: 4 (4 components)
 Filter size: E 55 or Series 7
 For Series 7 filters, adapter 14225 is required
 Internal thread: M 55 x 0.75
 Fully automatic pre-set diaphragm with click-stops (including $\frac{1}{2}$ values)
 Smallest aperture: f/22
 Combined "feet-metre" scale
 Focusing range: ∞ to 0.7 m (28 in)

Smallest object field: 140 x 210 mm (5.5 x 8.3 in) (about 1:6)
 Non-rotating focusing mount
 Hard-chrome LEICA-R rapid bayonet
 Black finish
 Built-on, extendable lens hood
 Lens cap diameter: A65
 Length from bayonet flange: 57 mm
 Diameter: 65 mm
 Weight: 0.475 kg (16.75 oz)

90 mm ELMARIT-R f/2.8
 With lens hood, lens cap and rear cover

11806

E. Leitz, Inc.

90 mm SUMMICRON-R f/2

Fast portrait lens



Angle of view: 27°
 Number of elements: 5 (4 components)
 Filter size: E 55 or Series 7
 For Series 7 filters the
 adapter 14225 is required
 Internal thread: M 55 x 0.75*
 Fully automatic pre-set diaphragm
 with click-stops (including 1/2 values)
 Smallest aperture: f/16
 Combined "feet-metre" scale
 Focusing range: ∞ to 0.7 m (28 in)

Smallest object field: 140 x 210 mm
 (5.5 x 8.3 in) (about 1:6)
 Non-rotating focusing mount
 Hard-chrome LEICA-R rapid bayonet
 Black finish
 Built-on, extendable lens hood
 Lens cap: 14289
 Length from bayonet flange: 62.5 mm
 Diameter: 70 mm
 Weight: 0.56 kg

90 mm SUMMICRON-R f/2
 with lens hood, lens cap and rear cover

11219

100 mm MACRO-ELMAR-R f/4

Universal lens of medium-long-focal length for work from ∞ up to the near-focusing range (reproduction scale 1:1.6)



Angle of view: 25°
 Number of elements: 4 (3 components)
 Filter size: E 55 or Series 7
 For Series 7 filters the
 adapter 14225 is required
 Internal thread: M 55 x 0.75
 Fully automatic pre-set diaphragm, also
 with Macro Adapter-R with click-stops
 (including 1/2 values)
 Smallest aperture: f/22
 Combined "feet-metre" scale, reproduction
 scales are also engraved
 Focusing range: ∞ to 60 cm
 Free working distance: 39 cm
 With Macro Adapter-R 60-42 cm
 Free working distance: 39-25 cm

Smallest object field: 72 x 108 mm
 (2.8 x 4.25 in) (about 1:3)
 With Macro Adapter-R: 38 x 57 mm
 (1.5 x 2.25 in) (about 1:1.6)
 Non-rotating focusing mount
 Hard-chrome LEICA R rapid bayonet
 Black finish
 Built-on, extendable lens hood
 Lens cap: 14289
 Length from bayonet flange: 90 mm
 Maximum diameter: 67.5 mm
 Weight: lens 540 g
 Length of the Macro adapter-R: 30 mm
 Diameter of the Macro Adapter-R: 62 mm
 Weight of the Macro Adapter-R: 0.13 kg

100 mm MACRO-ELMAR-R f/4

With lens hood, lens cap and rear cover

11232

With lens hood, lens cap, near-focusing ring, and rear cover

11234

100 mm MACRO-ELMAR f/4 head for use with BELLOWES-R

With lens hood, lens cap, and rear cover

11230



MACRO ADAPTER-R for the LEICA R4/LEICA R3

For use with automatic shutter speed control and manual setting of
 aperture and shutter speed

14256

LEICAFLEX SL/SL2

Near-focusing ring* for the 100 mm MACRO-ELMAR-R f/4

14262

135 mm ELMARIT-R f/2.8

Telephoto lens



Angle of view: 18°
 Number of elements: 5 (4 components)
 Filter size: E 55 or Series 7
 For Series 7 filters, adapter 14225 is required
 Internal thread: M 55 x 0.75*
 Fully automatic pre-set diaphragm
 with click-stops (including 1/2 values)
 Smallest aperture: f/22
 Combined "feet-metre" scale
 Focusing range: ∞ to 1.5 m (5 ft)

Smallest object field: 220 x 330 mm
 (8.7 x 13.0 in) (about 1:9)
 Non-rotating focusing mount
 Hard-chrome LEICA-R rapid bayonet
 Black finish
 Built-on, extendable lens hood
 Lens cap: 14289
 Length from bayonet flange: 93 mm
 Diameter: 75 mm
 Weight: 0.73 kg

135 mm ELMARIT-R f/2.8

with lens hood, lens cap and rear cover

11211

LEICA-R-lenses

E. Leitz, Inc.

24 Link Drive, Rockleigh, NJ 07647 Telephone (201) 767-1100 (800) 631-1584

180 mm ELMAR-R f/4

Handy telephoto lens



Angle of view: 14°
 Number of elements: 5 (4 components)
 Filter size: E 55 or Series 7
 For Series 7 filters the
 adapter 14225 is required
 Internal thread: M 55 x 0.75
 Fully automatic pre-set diaphragm
 with click-stops (including 1/2 values)
 Smallest aperture: f/22
 Combined "feet-metre" scale
 Focusing range: ∞ to 1.8 m (6 ft)

Smallest object field: 175 x 262 mm
 (6.9 x 10.3 in) (about 1:7)
 Non-rotating focusing mount
 Hard-chrome LEICA-R rapid bayonet
 Black finish
 Built-on, extendable lens hood
 Lens cap: 14289
 Length from bayonet flange: 100 mm
 Diameter: 65.5 mm
 Weight: 0.54 kg

180 mm ELMAR f/4
 with lens hood, lens cap and rear cover 11922

180 mm APO-TELYT®-R f/3.4

Special lens of extended spectral range



Angle of view: 14°
 Number of elements: 7 (4 components)
 Filter size: E 60 or Series 7.5
 For Series 7.5 filters the
 adapter 14263 is required
 Internal thread: M 60 x 0.75
 Fully automatic pre-set diaphragm
 with click-stops (including 1/2 values)
 Smallest aperture: f/22
 Combined "feet-metre" scale

Focusing range: ∞ to 2.5 m (8 ft 4 in)
 Smallest object field: 276 x 414 mm
 Non-rotating focusing mount
 Hard-chrome LEICA-R rapid bayonet
 Black finish
 Built-on, extendable lens hood
 Lens cap: 14290
 Length from bayonet flange: 135 mm
 Diameter: 68 mm
 Weight: 0.75 kg

180 mm APO-TELYT-R f/3.4
 with lens hood, lens cap and rear cover 11242

180 mm ELMARIT-R f/2.8

Fast telephoto lens



Angle of view: 14°
 Number of elements: 5 (4 components)
 Filter size: E 67 or Series 8
 For Series 8 filters, adapter 14264 is required
 Internal thread: M 67 x 0.75
 Fully automatic pre-set diaphragm
 with click-stops (including 1/2 values)
 Smallest aperture: f/22
 Combined "feet-metre" scale

Focusing range: ∞ to 1.8 m (6 ft)
 Smallest object field: 193 x 290 mm
 Non-rotating focusing mount
 Hard-chrome LEICA-R rapid bayonet
 Black finish
 Built-on, extendable lens hood
 Lens cap: 14291
 Length from bayonet flange: 121 mm
 Diameter: 75 mm
 Weight: 0.755 kg

180 mm ELMARIT-R f/2.8
 With lens hood, lens cap and rear cover 11923

250 mm TELYT®-R f/4

Telephoto lens



Angle of view: 10°
 Number of elements: 7 (6 components)
 Filter size: E 67 or Series 8
 For Series 8 filters the
 adapter 14164 is required
 Internal thread: M 67 x 0.75
 Fully automatic pre-set diaphragm
 with click-stops (including 1/2 values)
 Smallest aperture: f/22
 Combined "feet-metre" scale
 Focusing range: ∞ to 1.7 m (5 ft 8 in)
 Smallest object field: 124 x 186 mm
 (4.9 x 7.3 in) (about 1:5.2)

Rubberized focusing ring
 Non-rotating focusing mount
 Hard-chrome LEICA-R rapid bayonet
 Black finish
 Built-on, extendable lens hood
 Lens cap: 14291
 Length from bayonet flange: 195 mm
 Diameter: 75 mm
 Weight: 1.23 kg

250 mm TELYT-R f/4
 with lens hood, lens cap and rear cover, as well as leather case 11925

280 mm APO-TELYT®-R f/2.8



Special high speed lens of extended spectral range

Angle of view: 8.5°
 Number of elements: 8 (7 components)
 Filter size: E 112
 Internal thread: M 112 x 1.5
 Fully automatic pre-set diaphragm with click-stops (including 1/2 values)
 Smallest aperture: f/22
 Combined "feet-metre" scale
 Focusing range (internal focusing): ∞ to 2.5 m (8.5 ft)

Focusing beyond infinity possible
 Smallest object area: 195 x 293 mm (about 1:8)
 Non-rotating focusing mount
 Hard-chrome LEICA-R rapid bayonet
 Black finish
 Built-on, extendable lens hood
 Lugs for carrying strap
 Length from bayonet flange: 261 mm
 Diameter: 125 mm
 Weight: 2.75 kg (6.06 lbs)

280 mm APO-TELYT-R f/2.8
 with lens hood, lens cap, rear cover, hand support, filter, carry strap, and carrying case

11245

350 mm TELYT-R f/4.8



Telephoto lens

Angle of view: 7°
 Number of elements: 7 (5 components)
 Filter size: E 77
 Internal thread: M 77 x 0.75
 Fully automatic pre-set diaphragm with click-stops (including 1/2 values)
 Smallest aperture: f/22
 Combined "feet-metre" scale
 Focusing range: ∞ to 3 m (10 ft)
 Smallest object field: 171 x 257 mm (6.75 x 10.1 in) (about 1:7.1)
 Rubberized focusing ring
 Non-rotating focusing mount
 Hard-chrome LEICA-R rapid bayonet
 Black finish
 Built-on, extendable lens hood
 Tripod thread, A 1/4, DIN 4503; with click-stops, tilting for upright and horizontal format
 Leather case
 Lens cap dia: A 83.5 mm
 Length from bayonet flange: 286 mm
 Diameter: 83.5 mm
 Weight: 1.82 kg

350 mm TELYT-R f/4.8
 with lens hood, lens cap and rear cover, as well as leather case

11915

500 mm MR-TELYT-R f/8

Catoptric telephoto lens (reflecting lens design)



Angle of view: 5°
 Number of elements: 6 (5 components)
 Including 2 mirrors and one special filter
 Filter size on the front ring of the lens: E 77
 Internal thread: M 77 x 0.75
 Combined "feet-metre" scale
 Focusing range: ∞ to 4 m (13 ft 4 in)
 Smallest object field: 180 x 270 mm (7.1 x 10 x 6 in) (about 1:7.5)
 Cradled helical focusing mount for hand support

Rubberized focusing ring
 Hard-chrome LEICA-R rapid bayonet
 Black finish
 Screw-on lens hood
 5 special screw-in filters: UV, neutral density 4 x, yellow, orange, red (M 32 x 0.5)
 Leather case
 Lens cap dia: A 83.5 mm
 Length from bayonet flange: 121 mm
 Diameter: 87 mm
 Weight: 0.75 kg

500 mm MR-TELYT-R f/8
 With lens hood, lens cap and rear cover
5 special filters and leather case

11243

LEICA-R-lenses

E. Leitz, Inc.

24 Link Drive, Rockleigh, NJ 07647 Telephone (201) 767-1100 (800) 631-1584

800 mm TELYT-S f/6.3

Extreme telephoto lens with LEITZ special glasses for maximum optical performance

Angle of view: 3°

Number of elements: 3 (1 component)

Filter size: Series 7 (in filter slot)

Click-stops (between f/6.3 and 22
also 1/2 values)

Pre-set diaphragm

Smallest aperture: f/32

Focusing range: ∞ to 12.5 m (41 ft)

Smallest object field: 320 x 480 mm
(1 ft 0.6 in—1 ft 7 in) (about 1:13)

Rapid focusing by means of an easy-grip
drive knob and parallel guide

Lens can be dismantled into 5 parts for
transport in a special metal case—
assembly and dismantling by means
of bayonet and marked locking rings
with levers

Sturdy carrying grip for assembled lens
Lining-up device in the shape of a sports
finder with rear and front sight and
field-of-view orienting device for
upright and horizontal format, pro-
tected against damage by integration
with the carrying handle

Detachable and lockable lens hood
Slot with cover for Series 7 filters
Tripod thread A 1/4 and A 3/8, DIN 4503
(1/4 in and 3/8 in) for robust tripods.
Support ring, rotatable with tripod thread
A 1/4 (DIN 4503) (1/4 in) for additional
monopod
Black finish
LEICA-R rapid bayonet
Rotatable tilting device for upright and
horizontal format, with click-stops
Lens cap dia: A 152 mm
Length from bayonet flange: 790 mm
Diameter: 152 mm
Weight: 6.86 kg

800 TELYT-S f/6.3, complete,
with special metal transport case

11921



TELYT-R f/6.8 400 mm

Follow-focus lens of long focal length

Angle of view: 6°

Number of elements: 2

Filter size: Series 7 (in filter slot)

or Series 8 with filter adapter 14165

External lens mount diameter: A 78

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

Smallest aperture: f/32

Focusing range: ∞ to 3.6 m (12 ft)

Smallest object field:

158 x 236 mm (6 1/4 x 11 1/2")

Black finish

Built-on, extendable lens hood

Detachable shoulder stock

Internal thread: M 72 x 0.75

Weight: 1.830 kg

TELYT-R f/6.8 400 mm consisting of:

Lens unit	11903
Lens tube	11906
Hand grip	14239
Case	14582
TELYT-R f/6.8 400 mm complete	11953

LEICA-R-lenses

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TELYT®-R f/6.8 560 mm

Long-focal-length follow-focus lens

Angle of view: 4.3°
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 1/2 values)
Smallest aperture: f/32
Focusing range: ∞ to 6.4 m (21 ft 4 in)
Smallest object field:
224 x 336 mm (9 x 13 1/2 in)
1/4" and 3/8" tripod threads
Black finish
Built-on, extendable lens hood
Detachable shoulder stock
Weight: 2.330 kg

TELYT-R f/6.8 560mm consisting of:

Lens unit	11907
Lens tube	11906
Hand grip	14239
Case	14581
TELYT-R f/6.8 560 mm, complete	11853

Adjoining focusing ranges (1 tube)
a) with TELYT f/6.8 400 mm: 33-226cm
(11 ft 7 in x 7 ft 5 in)
b) with TELYT f/6.8 560 mm: 641-386cm
(21 ft x 12 ft 7 in)

Smallest object fields (1 tube)
8 x 12cm (3.1 x 4.7 in)
11.2 x 16.8cm (4.4 x 6.6 in)

Accessories

Electric cable release for insertion in the universal handgrip for the LEICA R4-MOT with MOTOR WINDER R4/MOTOR DRIVE R4	14237
Carrying strap for heavy equipment	14130
Extension tube (60 mm) for the TELYT-R f/6.8 400 mm and f/6.8 560 mm lenses, for extending the focusing range (close-up)	14182

New universal handgrip and shoulder stock

A new version of the popular handgrip and shoulder stock combination is now available under catalog number 14239.

In addition to making it easier to obtain sharp results with hand-held long lenses, it also doubles as a mini-tripod. The locating pin on the handgrip support surface is now spring loaded, so it may be used with lenses which do or do not have a locating hole drilled in the tripod platform.

The handgrip has a hole drilled through it to accept the electric release or the twin cable release.



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LEICA-R-lenses

E. Leitz, Inc.

24 Link Drive, Rockleigh, NJ 07647 Telephone (201) 767-1100 (800) 631-1584

EXTENDER-R 2x for the LEICA-R



Focal-length-extending lens attachment

Number of elements: 5 (4 components)
Aperture range from f/2 to f/22

Fully automatic pre-set diaphragm transfer for automatic shutter speed control and manual setting of shutter speed and aperture

Focal length suitable for use from 50 to 800 mm
Hard chrome LEICA-R rapid bayonet changer
Black finish
Length from bayonet flange: 30 mm
Diameter: 62 mm
Weight: 0.18 kg

EXTENDER-R 2x for LEICA-R
with 2 caps, and case

11236

EXTENDER-R 2x for the LEICAFLEX SL/SL2
with two caps, and case

11237

35-70 mm VARIO-ELMAR-R f/3.5

Zoom lens from wide angle to short tele

Angle of view: 64°-35°

Number of elements: 8 (7 components)

Filter size: E 60

Internal thread M 60 x 0.75

Fully automatic diaphragm with click stops,
(including half values)

Smallest aperture: f/22

Combined "feet-metre" scale

Focusing range: ∞ to 1 meter

Smallest object field:

35 mm: 632 x 947 mm (about 1:26)

70 mm: 338 x 507 mm (about 1:14)

Separate rings for focusing and for changing
focal length.

Hard chrome LEICA-R rapid bayonet

Black finish

Built-on, extendable lens hood

Length from bayonet flange: 64.5 mm

Maximum diameter: 72 mm

Weight: 0.420 kg (14.8 oz)

35-70 mm VARIO-ELMAR-R f/3.5
with lens hood, lens cap, and rear cover

11244

70-210 mm VARIO-ELMAR-R f/4

Zoom lens from short tele to medium tele

Angle of view: 35°-12°

Number of elements: 12 (9 components)

Filter size: E 60

Internal thread M 60 x 0.75

Fully automatic diaphragm with click stops,
(including half values except between f/4 and f/5.6)

Smallest aperture: f/22

Combined "feet-metre" scale

Focusing range: ∞ to 1.1 m

Smallest object field:

70 mm: 264 x 296 mm (about 1:11)

210 mm: 96 x 144 mm (about 1:4)

Single ring for changing focus and focal length.

Hard chrome LEICA-R rapid bayonet

Black finish

Built-on, extendable lens hood

Length from bayonet flange: 157 mm

Maximum diameter: 73.5 mm

Weight: 0.720 kg (25.4 oz)

70-210 mm VARIO-ELMAR-R f/4
with lens hood, lens cap, and rear cover

11246

35-70 mm ANGENIEUX ZOOM f/2.5-3.3

Zoom lens from wide angle to short tele

Angle of view: 64°-35°
Number of elements: 11
Filter size: E 58
Fully automatic diaphragm with click stops
Smallest aperture: f/22
Focusing range: ∞ to 1 meter
Separate rings for focusing and for
changing focal length
Black finish
Clip-on lens hood
Length: 136 mm
Maximum diameter: 71 mm
Weight: 0.525 kg (18.5 oz)

35-70 mm ANGENIEUX ZOOM f/2.5-3.3
with lens hood, UV filter, lens cap, and rear cover

LEICA-R mount	98005
NIKON mount	98007
CANON mount	98009
MINOLTA mount	98011
PENTAX mount	98013
OLYMPUS mount	98015

70-210 mm ANGENIEUX ZOOM f/3.5

Zoom lens from short tele to medium tele

Angle of view: 35°-12°
Number of elements: 15 (11 components)
Filter size: E 62
Fully automatic diaphragm
Smallest aperture: f/22
Focusing range: ∞ to 0.86 meter
Single ring for focusing and zooming
Black finish
Clip-on lens hood
Length: 175 mm
Maximum diameter: 71 mm
Weight: 0.780 kg (27.5 oz)

70-210 mm ANGENIEUX ZOOM f/3.5
with lens hood, UV filter, lens cap, and rear cover

LEICA-R mount	98006
NIKON mount	98008
CANON mount	98010
MINOLTA mount	98012
PENTAX mount	98014
OLYMPUS mount	98016

Lenses for the LEICA-R-System

Lens	maximum aperture Focal length in mm	Cat. No.	Angle of view	Smallest aperture	Focusing range in m	Smallest object area in mm	Filter size series	Lenshood Replacement	Lenscap Replacement
SUPER-ELMAR-R	f/3.5/15	11213	110°	22	∞-0.16	70 x 106	Built-in	Built-in	14294
Fisheye-ELMARIT-R	f/2.8/16	11222	180°	16	∞-0.30	401 x 601	Built-in	Built-in	14089
ELMARIT-R	f/2.8/19	11225	95.7°	16	∞-0.30	261 x 392	—	12529	14221
SUPER-ANGULON-R	f/4/21	11813	92°	22	∞-0.20	148 x 221	8.5	12506	14145
ELMARIT-R	f/2.8/24	11221	84°	22	∞-0.30	250 x 374	8	12523	14184
ELMARIT-R	f/2.8/28	11204	76°	22	∞-0.30	188 x 282	7	12509	14172
PA-CURTAGON-R	f/4/35	11202	64/78°	22	∞-0.30	140 x 210	8	12514	14290
ELMARIT-R	f/2.8/35	11231	64°	22	∞-0.30	140 x 210	E 55	Built-in	14289
SUMMICRON-R	f/2/35	11115	64°	16	∞-0.30	140 x 210	E 55	Built-in	14289
SUMMILUX-R	f/1.4/35	11143	64°	16	∞-0.50	266 x 399	E67	Built-in	14297
SUMMICRON-R	f/2/50	11215	45°	16	∞-0.50	180 x 270	E 55	Built-in	14289
SUMMILUX-R	f/1.4/50	11776	45°	16	∞-0.50	180 x 270	E 55	Built-in	14289
MACRO-ELMARIT-R	f/2.8/60	11212	39°	22	∞-0.27 (with adapter to 1:1)	48 x 72 (24 x 36)	E 55	Built-in	14289
VARIO-ELMAR-R	f/3.5/35-70	11244	64°-35°	22	∞-1.00	632 x 947 338 x 507	E60	Built-in	14290
VARIO-ELMAR-R	f/4/70-210	11246	35°-12°	22	∞-1.10	264 x 396 96 x 144	E60	Built-in	14290
SUMMILUX-R	f/1.4/80	11880	30°	16	∞-0.80	192 x 288	E 67	Built-in	14291
ELMARIT-R	f/2.8/90	11806	27°	22	∞-0.70	140 x 210	E55	Built-in	14289
SUMMICRON-R	f/2/90	11219	27°	16	∞-0.70	140 x 210	E 55	Built-in	14289
MACRO-ELMAR-R	f/4/100	11232	25°	22	∞-0.60 (with adapter to 1:1.6)	72 x 108 (38 x 57)	E 55	Built-in	14289
MACRO-ELMAR	f/4/100	11230	25°	22	In the focusing bellows- R only ∞-1:1	24 x 36	E 55	Built-in	14289
ELMARIT-R	f/2.8/135	11211	18°	22	∞-1.50	220 x 330	E 55	Built-in	14289
ELMAR-R	f/4/180	11922	14°	22	∞-1.80	175 x 262	E 55	Built-in	14289
APO-TELYT-R	f/3.4/180	11242	14°	22	∞-2.50	276 x 414	E 60	Built-in	14290
ELMARIT-R	f/2.8/180	11923	14°	22	∞-1.80	193 x 290	E 67	Built-in	14291
TELYT-R	f/4/250	11925	10°	22	∞-1.70	124 x 186	E 67	Built-in	14291
APO-TELYT-R	f/2.8/280	11245	8.5°	22	∞-2.50	195 x 293	E112	Built-in	
TELYT-R	f/4.8/350	11915	7°	22	∞-3.00	171 x 257	E 77	Built-in	14294
TELYT-R	f/6.8/400	11953	6°	32	∞-3.60	158 x 236	7	Built-in	14152
MR-TELYT-R	f/8/500	11243	5°	8	∞-4.00	180 x 270	(E 77) 5 filters available	Built-in	14294
TELYT-R	f/6.8/560	11853	4.3°	32	∞-6.40	224 x 336	7	Built-in	14295
TELYT-S	f/6.3/800	11921	3°	32	∞-12.50	320 x 480	7	Built-in	on request
ANGENIEUX ZOOM	f/2.5-3.3/35-70	98005	64°-35°	22	∞-1.00		E58		
ANGENIEUX ZOOM	f/3.5/70-210	98006	35°-12°	22	∞-0.86		E62		

LEICA M CAMERAS

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LEICA M6



Type of camera:

35 mm measuring viewfinder camera. Interchangeable lenses. Rapid motor wind with attachable MOTOR WINDER M4-P.

Compact, all-metal body with hinged back. Stainless steel carrying eyelets on both sides. Mechanical connection for the LEICA WINDER M4-P. Rapid bayonet changing mount for LEICA M lenses and accessories. Accessory shoe with centre contact. Flash contact for X. Field-of-view selector.

Lens system:

LEICA M lenses with rapid bayonet changing mount from 21 to 135 mm. All lenses with LEITZ Absorban cementing layers and LEITZ coating.

Measuring viewfinder:

• Bright and contrasty finder image with bright field-of-view frame for 28 mm and 90 mm, 35 mm and 135 mm or 50 mm and 75 mm and automatic parallax compensation.

Meter:

Through the lens selective meter, reads light reflected from bright spot on first shutter curtain.

Meter sensitivity from 0-20 EV at ISO 100

Shutter:

Horizontally acting rubber-blind focal-plane shutter, extremely quiet. Mechanically determined speeds: 1, 1/2, 1/4, 1/8, 1/15, 1/30, 1/60, 1/125, 1/500, 1/1000 SEC, and B = time exposures of any desired duration.

Film loading:

Remove the baseplate and turn up the center part of the camera back. Rapid film loading system for all commercial 35 mm films and LEICA cassettes.

Dimensions: Height: 77 mm, Length: 138 mm, Depth: 36 mm

Weight:

Body without lens: 0.560 kg

LEICA M6, black chromium finish

Complete with camera body cover, flash socket cover, carrying strap, and two batteries

10404

LEICA-WINDER M4-P



Compact, handy winder for the LEICA M6, LEICA M4-P, LEICA M4-2, and LEICA MD-2.

Single-frame exposures and series with the camera release.

Frame frequency up to 3fps. Tripod socket in base.

Available shutter speeds: 1/1000 to 1 sec and "B."

Remote release via cable release.

Manual film transport and shutter wind possible when the winder is disengaged or the batteries are exhausted.

Battery housing for 4 1.5v midget cells or 4 NC batteries.

Dimensions:

Height including battery housing 56 mm, length 138 mm, depth 35 mm.

Weight: 0.37 kg.

LEICA WINDER M4-P

14401

Housing for ordinary or rechargeable batteries (replacement)

14402

Cases

Nappa leather ever-ready case for LEICA M6 with 50 mm lens

14505

Nappa leather combi case for LEICA M6 plus two lenses and accessories

14840

Nappa leather universal case for LEICA M6 plus four lenses and accessories

14827

LEICA M CAMERAS

LEICA M4-P



Type of camera:

35 mm measuring viewfinder camera. Interchangeable lenses. Rapid motor wind with attachable MOTOR WINDER M4-2. Attachable coupled exposure meter.

Compact, all-metal body with hinged back. Stainless steel carrying eyelets on both sides. Mechanical connection for the LEICA WINDER M4-2. Rapid bayonet changing mount for LEICA M lenses and accessories. Accessory shoe with center contact. Separate flash contacts for X and M. Field-of-view selector.

Lens system:

LEICA M lenses with rapid bayonet changing mount from 21 to 135 mm. With VISOFLEX 3 attachment from 65 to 800 mm. All lenses with LEITZ Absorban cementing layers and LEITZ coating.

Measuring viewfinder:

• Bright and contrasty finder image with bright field-of-view frame for 28 mm and 90 mm, 35 mm and 135 mm or 50 mm and 75 mm and automatic parallax compensation.

Shutter:

Horizontally acting rubber-blind focal-plane shutter, extremely quiet. Mechanically determined speeds: 1, 1/2, 1/4, 1/8, 1/15, 1/30, 1/60, 1/125, 1/250, 1/500, 1/1000 sec, and B = time exposures of any desired duration.

Film loading:

Remove the baseplate and turn up the center part of the camera back. Rapid film loading system for all commercial 35 mm films and LEICA cassettes.

Dimensions: Height: 77 mm, Length: 138 mm, Depth: 36 mm

Weight:

Body without lens: 0.545 kg. Body with the 50 mm SUMMICRON-M f/2: 0.74 kg

LEICA M4-P, black chromium finish

Complete with camera body cover, flash socket covers and carrying strap

10415

LEICA M4-P, silver chrome

10416

LEICA-WINDER M4-2

Compact, handy winder for the LEICA M4-P, LEICA M4-2, and LEICA MD-2. Single-frame exposures and series* with the camera release.

Frame frequency up to 3fps.

Available shutter speeds: 1/1000 to 1 sec and "B."

*With LEICA-WINDER M4-2 under serial No. 10350 a series release is not possible.

Remote release via cable release.

Manual film transport and shutter wind possible when the winder is disengaged or the batteries are exhausted.

Battery housing for 4 1.5v midget cells or 4 NC batteries.

Dimensions:

Height including battery housing 56 mm, length 138 mm, depth 35 mm.

Weight: 0.37 kg.

LEICA WINDER M4-2

14400

Connecting cable for external supply (replacement)

14229

Housing for ordinary or rechargeable batteries (replacement)

14227



LEICAMETER MR exposure meter



LEICAMETER MR, silver finish

14217

LEICAMETER MR, black chromium finish

14218

Leather case for the LEICAMETER

14213

Correction Lenses for LEICA M Models (spherical)

+1.0	14362
+1.5	14363
+2	14364
+3	14365
-0.5	14366
-1	14367
-1.5	14368
-2	14369
-3	14370

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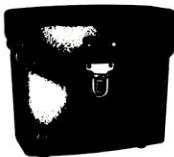
LEICA M Accessories

PAGE 19



Everready case

For the LEICA M4-P (without LEICA WINDER) with LEICAMETER MR
21 mm, 28 mm, 35 mm or 50 mm f/2 or 50 mm f/1.4 lens 14546



Combination case

External dimensions about 17 x 16 x 9 cm

Accepting:

1 LEICA M4-P with LEICAMETER MR and 500 mm* f/2, 35 mm f/2, 35 mm f/1.4,
28 mm* f/2.8, or 21 mm f/2.8 lens in position, in addition 190 mm f/2.8 or 135 mm f/4
(TELE-ELMAR-M) lens.

Combination case for the LEICA M4-P 14826

Accessories M6/M4-P

Carrying strap with non-slip pad (replacement)	14258
Flash socket plug	15526
Mini tripod	14100
Large ball joint head	14110
Small ball joint head	14119
Cable release, 10"	14067
Cable release, 20"	14076
Mirror finder for 28 mm lens	12017
Body opening cover	14195

Correction lenses

for LEICA M models (spherical)	Code No.
+1.0	14362
+1.5	14363
+2	14364
+3	14365
-0.5	14366
-1	14367
-1.5	14368
-2	14369
-3	14370

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LEICA-M-lenses

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21 mm ELMARIT-M f/2.8



Lens of extremely wide angle of view

Angle of view: 92°
Number of elements: 8 (6 components)
Filter size: E 60
Internal thread: M 60 x 0.75
Click-stops (including 1/2 values)
Smallest aperture: f/16
Combined "feet-metre" scale
Focusing range: ∞ to 0.7 m (28 in)

Smallest object field: 705 x 1058 mm
(2 ft 3.75 in x 3 ft 5.7 in) (about 1:30)
Non-rotating focusing mount
Brilliant finder required
Hard-chrome LEICA M rapid bayonet
Black finish
Push-on lens hood 12537
Lens cap dia: A 51 mm 14290
Length from bayonet flange: 46 mm
Diameter: 62 mm
Weight: .300 kg

21 mm ELMARIT-M f/2.8

with lens hood, lens cap and rear cover	11134
Brilliant finder with case	12012
Replacement case (Finder)	14628

28 mm ELMARIT-M f/2.8

Wide angle lens



Angle of view: 76°
Number of elements: 8 (6 components)
Filter size: E 49
Internal thread: M 49 x 0.75
Click-stops (including 1/2 values)
Smallest aperture: f/22
Combined "feet-metre" scale
Focusing range: ∞ to 0.7 m (28 in)
Smallest object field: 533 x 800 mm
(21 x 32.5 in) (about 1:22)

Non-rotating focusing mount
Built-in camera finder
Hard-chrome LEICA M rapid bayonet
Black finish
Push-on lens hood 12536
Lens cap dia: A 51 mm 14001
Length from bayonet flange: 48 mm
Diameter: 53 mm
Weight: 0.25 kg

28 mm ELMARIT-M f/2.8

with lens hood, lens cap and rear cover	11804
Brilliant finder with case*	12017
Replacement case (finder)	14628

35 mm SUMMICRON-M f/2

High-speed wide angle



Angle of view: 64°
Number of elements: 7 (5 components)
Filter size: E 39
Internal thread: M 39 x 0.5
Click-stops (including 1/2 values)
Smallest aperture: f/16
Combined "feet-metre" scale
Focusing range: ∞ to 0.7 m (28 in)

Smallest object field: 430 x 640 mm
(17 x 25 in) (about 1:18)
Non-rotating focusing mount
Built-in camera finder
Hard-chrome LEITZ M rapid bayonet
Black finish
Push-on lens hood 12524
Lens cap dia: A 42 mm 14268
Length from bayonet flange: 26 mm
Diameter: 52 mm
Weight: 0.19 kg

35 mm SUMMICRON-M f/2

with lens hood, lens cap and rear cover	11310
---	-------

35 mm SUMMILUX-M f/1.4

Ultra-high-speed wide-angle lens



Angle of view: 64°
Number of elements: 7 (5 components)
Filter size: Series 7, for insertion
in the lens hood
Click-stops (including 1/2 values)
Smallest aperture: f/16
Combined "feet-metre" scale
Focusing range: ∞ to 1 m (40 in)
Smallest object field: 630 x 950 mm
(25 x 37 in) (about 1:26)

Non-rotating focusing mount
Built-in camera finder
Hard-chrome LEICA M rapid bayonet
Black finish
Lens hood functions as filter holder, 12504
to be unscrewed for insertion
of Series 7 filters
Lens cap dia: A 42 mm 14268
Length from bayonet flange: 28 mm
Diameter: 53 mm
Weight: 0.245 kg

35 mm SUMMILUX-M f/1.4

with lens hood, lens cap and rear cover	11870
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50 mm SUMMICRON-M f/2



High-speed universal lens

Angle of view: 45°
 Number of elements: 6 (4 components)
 Filter size: E 39
 Internal thread: M 39 x 0.5
 Click-stops (including 1/2 values)
 Smallest aperture: f/16
 Combined "feet-metre" scale
 Focusing range: ∞ to 0.7 m (28 in)
 Smallest object field: 277 x 416 mm
 (11 x 16.4 in approx) (about 1:11.5)

Non-rotating focusing mount
 Built-in camera finder
 Hard-chrome LEICA M rapid bayonet
 Black finish
 Push-on lens hood 12538
 Lens cap dia: A 42 mm 14268
 Length from bayonet flange: 42 mm
 Diameter: 52 mm
 Weight: 0.195 kg

50 mm SUMMICRON-M f/2

with lens hood, lens cap and rear cover

11819

50 mm SUMMILUX-M f/1.4



Ultra-high speed lens

Angle of view: 45°
 Number of elements: 7 (5 components)
 Filter size: E 43
 Internal thread: M 43 x 0.45
 Click-stops (from No. 2048701
 including 1/2 values)
 Smallest aperture: f/16
 Combined "feet-metre" scale
 Focusing range: ∞ to 1 m (40 in)
 Smallest object field: 410 x 620 mm
 (16 x 24.5 in approx) (about 1:17)

Non-rotating focusing mount
 Built-in camera finder
 Hard-chrome LEICA M rapid bayonet
 Black finish
 Push-on lens hood 12586
 Lens cap dia: A 45 mm 14037
 Length from bayonet flange: 46 mm
 Diameter: 53 mm
 Weight: 0.36 kg

50 mm SUMMILUX-M f/1.4

with lens hood, lens cap and rear cover

11114

50 mm NOCTILUX-M f/1



Top-quality lens of extreme speed

Angle of view: 45°
 Number of elements: 7 (6 components)
 Filter size: E 60
 Internal thread: M 60 x 0.75
 Click-stops (including 1/2 values)
 Smallest aperture: f/16
 Combined "feet-metre" scale
 Focusing range: ∞ to 1 m (40 in)
 Smallest object field: 410 x 620 mm
 (11 x 16.4 in approx) (about 1:17)

Non-rotating focusing mount
 Built-in camera finder
 Hard-chrome LEICA M rapid bayonet
 Black finish
 Lockable lens hood 12539
 Lens cap dia: A 62 mm 14290
 Length from bayonet flange: 62 mm
 Diameter: 69 mm
 Weight: 0.58 kg

50 mm NOCTILUX-M f/1

with lens hood, lens cap and rear cover

11821

75 mm SUMMILUX-M f/1.4



Ultra-high-speed lens of medium focal length

Angle of view: 31°
 Number of elements: 7 (5 components)
 Filter size: E 60
 Internal thread: M 60 x 0.75
 Click-stops (including 1/2 values)
 Smallest aperture: f/16
 Combined "feet-metre" scale
 Focusing range: ∞ to 1 m (40 in)
 Smallest object field: 300 x 450 mm
 (11.8 x 17.7 in) (about 1:12.5)

Non-rotating focusing mount
 Built-in camera finder
 Hard-chrome LEICA M rapid bayonet
 Black finish
 Built-in lens hood
 Lens cap dia: A 62 mm 14290
 Length from bayonet flange: 80 mm
 Diameter: 63 mm
 Weight: 0.49 kg

75 mm SUMMILUX-M f/1.4

lens cap and rear cover

11815

LEICA-M-lenses

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90 mm TELE-ELMARIT-M f/2.8



Handy press and snapshot lens

Angle of view: 27°
 Number of elements: 4 (4 components)
 Filter size: E 39 or Series 5.5
 For Series 5.5 filters the adapter
 11251 is required
 Internal thread: M 39 x 0.75
 Click-stops (including 1/2 values)
 Smallest aperture: f/16
 Combined "feet-metre" scale
 Focusing range: ∞ to 1 m (40 in)

Smallest object field: 220 x 330 mm
 (8.7 x 13 in approx.) (about 1:9)
 Non-rotating focusing mount
 Built-in camera finder
 Hard-chrome LEICA M rapid bayonet
 Black finish
 Screw-on lens hood 11250
 Lens cap dia: A 42 mm 11252
 Length from bayonet flange: 62 mm
 Diameter: 51.5 mm
 Weight: 0.225 kg

90 mm TELE/ELMARIT-M f/2.8
 with lens hood, lens cap and rear cover 11800

90 mm SUMMICRON-M f/2



High-speed lens for press work

Angle of view: 27°
 Number of elements: 5 (4 components)
 Filter size: E 55
 Internal thread: M 55 x 0.75
 Click-stops (including 1/2 values)
 Smallest aperture: f/16
 Combined "feet-metre" scale
 Focusing range: 1 to 1 m (40 in)
 Smallest object field: 220 x 330 mm
 (8.7 x 13 in approx) (about 1:9)

Non-rotating focusing mount
 Built-in camera finder
 Hard-chrome LEICA M rapid bayonet
 Black finish
 Built-on, extendable lens hood
 Lens cap dia: A 63.7 mm 11289
 Length from bayonet flange: 79 mm
 Diameter: 67 mm
 Weight: 0.41 kg

90 mm SUMMICRON-M f/2
 with lens hood, lens cap and rear cover 11136

135 mm ELMARIT-M f/2.8 with viewfinder front attachment

Fast telephoto lens



Angle of view: 18°
 Number of elements: 5
 Filter size: E 55
 External lens mount diameter: A 63.7
 Click-stops (including 1/2 values)
 Smallest aperture: f/3.2
 Rangefinder coupling: 00 to 1.5 m (60")
 Smallest object field:
 220 x 330 mm (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, extendable lens hood
 Internal thread: M 55 x 0.75
 Weight: 0.730 kg

135 mm ELMARIT-M f/2.8
 with lens hood, lens cap and rear cover 11829

The lenses for the LEICA M system at a glance

Lens	Lens opening and focal length in mm	Cat. No.	Image angle	Number of lens elements	Smallest diaphragm	Focusing range in m	Smallest object field in mm	Filter size	Weight in g
ELMARIT-M	f/2.8/21	11134	92°	8	16	∞-0.7	705 x 1058	E 60	290
ELMARIT-M	f/2.8/28	11804	76°	8	22	∞-0.7	533 x 800	E 49	250
SUMMICRON-M	f/2/35	11310	64°	7	16	∞-0.7	430 x 640	E 39	190
SUMMILUX-M	f/1.4/35	11870	64°	7	16	∞-1.0	630 x 950	Series 7	245
SUMMICRON-M	f/2/50	11819	45°	6	16	∞-0.7	277 x 416	E 39	195
SUMMILUX-M	f/1.4/50	11114	45°	7	16	∞-1.0	410 x 620	E 43	360
NOCTILUX-M	f/1/50	11821	45°	7	16	∞-1.0	410 x 620	E 58	580
SUMMILUX-M	f/1.4/75	11815	31°	7	16	∞-1.0	300 x 450	E 60	625
TELE-ELMARIT-M	f/2.8/90	11800	27°	4	16	∞-1.0	220 x 330	E 39	225
SUMMICRON-M	f/2/90	11136	27°	5	16	∞-1.0	220 x 330	E 55	460
TELE-ELMAR-M	f/4/135	11851	18°	5	22	∞-1.5	220 x 330	E 39	550
ELMARIT/M with viewfinder front attachment	f/2.8/135	11829	18°	5	32	∞-1.5	220 x 330	E 55	735

Accessories for the LEICA-M

Accessories for the LEICA M lenses

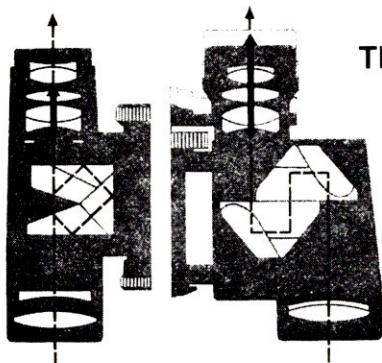
LEICA M-lens	Code No.	Lens hood	Cap for lens hood	Lens cap	Rear cover	Filters or screw thread	Series
21 mm f/2.8 from No. 2993701	11134	12537	—	14290	14269	E 60	
28 mm f/2.8 from No. 2977551	11804	12536	—	14001	14269	E 49	
35 mm f/2 from No. 2974251	11310	12524	—	14268	14269	E 39	
35 mm f/1.4 from No. 2166701	11870	12504	—	14268	14269	Series 7 in lens hood	
50 mm f/2 from No. 2915801	11819	12538	—	14268	14269	E 39	
50 mm f/1.4	11114	12586	14037	14123	14269	E 43	
50 mm f/1 from No. 2919651	11821	12539	—	14290	14269	E 60	
75 mm f/1.4	11814	12539	—	14290	14269	E 60	
90 mm Tele f/2.8	11800	11250	11252	14268	14269	E 39 or S. 5.5 with adap. 11251	
90 mm f/2 from No. 3177201	11136	built-in	—	14289	14269	E 55	
135 mm Tele f/4	11851	12575	14033	14268	14269	E 39	
135 mm f/2.8 from No. 2788927	11829	built-in	—	14289	14269	E 55	

FILTERS	Screw In					Series 7
	E 39	E 43	E 49	E 55	E 60	
UVa	13131	13206	13328	13373	13381	13009
Yellow				13236		
Yellow-Green				13391	13392	13007
Orange	13101			13312	13383	13008
Circular-Polarizing				13357		13370
Polarizing	13352					

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Binoculars



TRINOVID®

LEITZ true internal focusing (moisture and dust resistant)
 Roof prism design—slim, lightweight
 Repair ratio below 1%
 Metal housing—impact resistant
 Lifetime warranty with USA cards
 Increased brightness through silver prism coatings (11% brighter)
 All models designed for eyeglass wearers.
 Armored (rubber covered) models available in green/black (BCA/BA)

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

7 x 35 B TRINOVID



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

Magnification: 7 x
 Objective diameter: 35 mm
 Diameter of exit pupil: 5 mm
 Twilight factor: 15.6
 Light transmitting power: 25
 Field of view:
 150m at 1000m distance, 8.6°

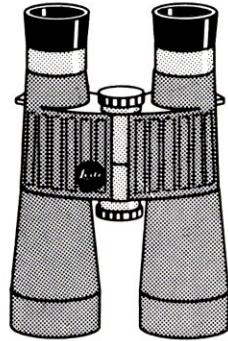
Focusing range to about 5m (17ft)
 Dimensions:

height approx 133 mm (5 1/4")
 width approx 117 mm (4 1/2")

Weight: 0.550 kg

7 x 35 B TRINOVID	40214
7 x 35 BA TRINOVID (Green)	40238
7 x 35 BA TRINOVID (Black)	40002
Hard leather case	42177
Strap	42148
Soft-leather ever-ready case	42179

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: 42 mm
 Diameter of exit pupil: 6 mm
 Twilight factor: 17.2
 Light transmitting power: 36
 Field of view:
 140m at 1000m distance, 8°

Focusing range to about 8.5m (about 28 ft)
 Dimensions:

height approx 167 mm (6 3/4")

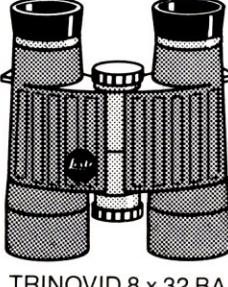
width approx 125 mm (5")

Weight: 0.650 kg

7 x 42 B TRINOVID	40218
7 x 42 BA TRINOVID (Green)	40234
7 x 42 BA TRINOVID (Black)	40006
Hard leather case	42173
Strap	42148
Soft-leather ever-ready case	42189

TRINOVID 7 x 42 BA

8 x 32 B TRINOVID



Universal binoculars with roll-back eyecups for spectacle wearers.

Magnification: 8 x
 Objective diameter: 32 mm
 Diameter of exit pupil: 4 mm
 Twilight factor: 16
 Light transmitting power: 16
 Field of view:
 130m at 1000m distance, 7.4°
 Focusing range to about 6m (20 ft)

Dimensions:

height approx 117 mm (4 5/8")

width approx 115 mm (4 1/2")

Weight: 0.520 kg

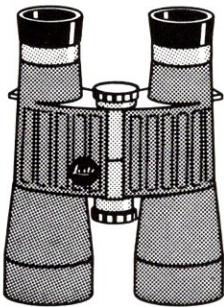
8 x 32 B TRINOVID	40208
8 x 32 BA TRINOVID (Green)	40237
8 x 32 BA TRINOVID (Black)	40001
Hard leather case	42177
Strap	42148
Soft-leather ever-ready case	42181

Binoculars

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8 x 40 B TRINOVID



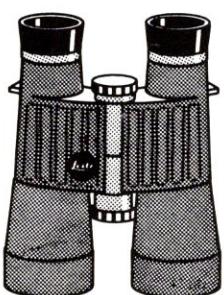
TRINOVID 8 x 40 BA

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

Magnification: 8 x
Objective diameter: 40 mm
Diameter of exit pupil: 5 mm
Twilight factor: 17.9
Light transmitting power: 25
Field of view:
128m at 1000m distance, 7.3°
Focusing range to about 7.2m (24 ft)
Dimensions:
height approx 150 mm (6")
width approx 124 mm (5")
Weight: 0.590 kg

8 x 40 B TRINOVID	40221
8 x 40 BA TRINOVID (Green)	40235
8 x 40 BA TRINOVID (Black)	40003
Hard leather case	42173
Strap	42148
Soft-leather ever-ready case	42179

10 x 40 B TRINOVID



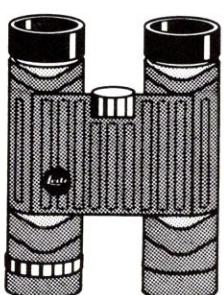
TRINOVID 10 x 40 BA

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

Magnification: 10 x
Objective diameter: 40 mm
Diameter of exit pupil: 4 mm
Twilight factor: 20
Light transmitting power: 16
Field of view:
110m at 100m distance, 6.3°
Focusing range to about 9m (30 ft)
Dimensions:
height approx 143 mm (5 5/8")
width approx 122 mm (4 3/4")
Weight: 0.590 kg

10 x 40 B TRINOVID	40228
10 x 40 BA TRINOVID (Green)	40236
10 x 40 BA TRINOVID (Black)	40004
Hard leather case	42177
Strap	42148
Soft-leather ever-ready case	42179

8 x 20 BC TRINOVID



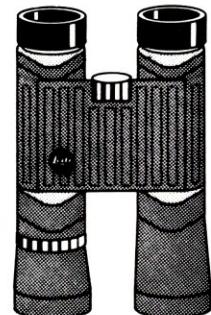
TRINOVID 8 x 20 BCA

Compact binoculars of high optical performance.

Magnification: 8 x
Objective diameter: 20 mm
Diameter of exit pupil: 2.5 mm
Twilight factor: 12.65
Field of view:
115m at 1000m distance, 6.3°
Focusing range to about 3m.
Dimensions (folded):
height: 92 mm
width: 60 mm
depth: 35 mm
Weight: 0.220 kg

8 x 20 BC TRINOVID	40305
8 x 20 BCA TRINOVID (Green)	40307
8 x 20 BCA TRINOVID (Black)	40309
Soft-leather pouch-case	42198

10 x 25 BC TRINOVID



TRINOVID 10 x 25 BCA

High Power Compact binoculars

Magnification: 10 x
Objective diameter: 25 mm
Diameter of exit pupil: 2.5 mm
Twilight factor: 15.8

Field of view:
95m at 1000m distance, 5.4°
Focusing range to about 5m.
Dimensions (folded):
height: 110 mm
width: 60 mm
depth: 36 mm
Weight: 0.240 kg

10 x 25 BC TRINOVID 40306
10 x 25 BCA TRINOVID (Green) 40308
10 x 20 BCA TRINOVID (Black) 40310
Soft-leather pouch-case 42199

Accessories for the TRINOVID binoculars

Rubber rain guard (black) for the TRINOVID B/BA (black)	42101
Rubber rain guard (green) for the TRINOVID BA (green)	42137
Roll-back rubber eyecup, black (replacement) for 8 x 20 C and 10 x 22 C TRINOVID binoculars	42136
Roll-back rubber eyecup, black (replacement) for all TRINOVID B binoculars except 7 x 42B	42133
Roll-back rubber eyecup, black (replacement) for the 7 x 42B TRINOVID	42141
Roll-back rubber eyecup, green (replacement) for all TRINOVID BA binoculars except 7 x 42BA	42138
Roll-back rubber eyecup, green (replacement) for the 7 x 42BA TRINOVID	42139
Black web strap for full-size TRINOVID binoculars	42148

TRINOVID quality is achieved by extremely tight tolerance standards:

2% magnification difference
1/4° parallelism
1/1200° prism edge accuracy
Metal body
Silver prism coatings

Slide Projectors

PRADOLUX RT-300/AV



Automatic, full featured 35 mm slide projector for 2" x 2" (5 x 5cm) slides, accepts all standard Kodak Carousel® slide trays, stack loaders, and remote extension cords.

Uses superb Leitz projection lenses from 50 mm to 200 mm focal lengths.

Accepts all 7-pin Ektographic® plug dissolve units.

True-color, from dichroic mirror illumination system, which eliminates the need for a heat filter.

Efficient cooling system keeps gate temperature as low as 135°.

Autofocus can be switched off if desired, and also has remote override.

Remote Control: Forward, reverse, focus.

Built-in dark shutter, avoids annoying "white screen" when no slide is in gate.

Built-in intervalometer will automatically change slides from 2 to 20 seconds. Can be overridden by remote.

Accurate 3-way slide registration makes the RT-300/AV ideal for multimedia presentations.

Lamp economy switch.

Lamp easily accessible from rear door.

Rapid action elevation adjustments.

Retractable 8 foot long cord.

2 Auto resetting thermal fuses, 1 for lamp, 1 for motor.

Carrying handle side-mounted for convenience.

Durable lexan housing.

Projection Lamps:

"ELH" standard lamp; 120V, 300W

"ENH" long life bulb; 120V, 250W

"ENG" high brightness bulb; 120V, 300W

Dimensions: 13.6" x 5.6" x 13.0" (34 x 14 x 32.5cm)

Weight: 14.5 lbs. (6.5kg)

Projectors

RT-300/AV Basic (w/o lens)	200010
RT-300/AV Basic for 220/240 volt 50 Hz current	200009
RT-300/AV +50/2.8 Elmarit-P	200023
RT-300/AV +60/2.8 Elmaron	200021
RT-300/AV +85/2.8 Elmaron	200011
RT-300/AV +90/2.5 Colorplan CF	200012
RT-300/AV +90/2.5 Colorplan	200013
RT-300/AV +120/2.8 Elmarit-P CF	200014
RT-300/AV +120/2.8 Elmaron	200017
RT-300/AV +150/2.8 Elmarit-P CF	200018
RT-300/AV +150/3.2 Elmaron	200019
RT-300/AV +200/3.4 Elmaron	200024
RT-300/AV +60-110/3.5 Vario Elmaron	200015
RT-300/AV +110-200/3.5 Vario Elmaron	200016
RT-300/AV +70-120/3.5 Zoom	200017

Lenses

50/2.8 Elmarit-P	37011
60/2.8 Elmaron	37004
85/2.8 Elmaron	37003
90/2.5 Colorplan CF	37015
90/2.5 Colorplan	37005
120/2.8 Elmarit-P CF	37012
120/2.8 Elmaron	37022
150/2.8 Elmarit-P CF	37013
150/2.8 Elmarit-P	37017
150/3.2 Elmaron	37031
200/3.4 Elmaron	37009
60-110/3.5 Vario Elmaron (zoom)	37026
110-200/3.5 Vario Elmaron (zoom)	37027
70-120/3.5 zoom	37028

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Slide Projectors

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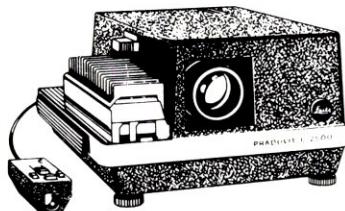
PRADOLUX RT-300/AV

Accessories

Deluxe covered slide tray	200800
Cordura case/RT-300	200709
Dust cover/RT-300	200707
Two projector stand	200702
Universal lens sleeve	37133
Leveling slide (set 2)	98151
Test slide	98150

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PRADOVIT CA 2502 (WITH BUILT-IN TRIAC)



Automatic 35 mm slide projector with **smoothest slide change**, without dark intervals. This projector is **easy on your eyes**.

Uses standard European 36 or 50 capacity trays, or the **new, high capacity 60 or 80 capacity LKM trays**.

Optimized for 35 mm format, yet **can accept special condensers if superslides are used**.

Highest optical performance, with Leitz projection lenses, combined with matched condensing system.

Built-in Triac accepts DU 24A or DU 24M dissolve units.

Autofocus, with override.

Built-in, focusable **light pointer in remote control**.

Remote control (forward, reverse, focus).

Projection Lamp: ASA Code EHJ (Leitz catalog #37723)

Dimensions: 13" x 10½" x 6½" (33.4cm x 26.8cm x 16.6cm)

Weight: Between 15 and 22 lbs., depending on equipment.

.... PLEASE NOTE....

The Pradovit CA 2502 is a modular projector, and therefore must be ordered by components. Components needed are; projector body, focusing mount, lens, A.C. cord, remote control (optional), and cover (optional). Component information is listed below.

Bodies:

CA 2502 Basic w/built-in Triac	30401
CA 2502 Basic (30401) includes lamp, standard field condenser, aspherical condenser, and one 60 capacity LKM tray.	

Focusing Mounts ... Needed to attach projection lenses to CA 2502 body.

For 35 mm-200 mm lenses with 42.5 mm barrel	37119
For 200/3.6 Elmaron	37129
For 250/4 Elmaron	37130

Remote Control Cord

For CA 2502 Basic	37930
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Cover

For CA 2502 Basic (w/lenses up to 120 mm)	37982
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A.C. Cord

For CA 2502 Basic	37656
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Condensers (35 mm)

35 mm to 50 mm	37223
60 mm to 150 mm (including zooms) (repl.)	37224
200 mm to 250 mm	37225

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Slide Projectors

PRADOVIT CA 2502 (WITH BUILT-IN TRIAC)

Condensers (Superslide)

60 mm - 120 mm	37227
150 mm - 300 mm	37228
Aspherical lens for superslides	37226

Lenses

35 mm/2.8 Elmaron (42.5 dia.)	37041
50 mm/2.8 Elmarit-P (42.5 dia.)	37011
60 mm/2.8 Elmaron (42.5 dia.)	37004
85 mm/2.8 Elmaron (42.5 dia.)	37003
90 mm/2.5 Colorplan CF (42.5 dia.)	37015
90 mm/2.5 Colorplan (42.5 dia.)	37015
120 mm/2.8 Elmarit-P CF (42.5 dia.)	37012
120 mm/2.8 Elmaron (42.5 dia.)	37022
150 mm/2.8 Elmarit-P (42.5 dia.)	37017
150 mm/3.2 (42.5 dia.)	37031
150 mm/2.8 Elmarit-P CF (42.5 dia.)	37013
200 mm/3.6 Elmaron (42.5 dia.)	37009
200 mm/3.6 Elmaron	37062
250 mm/4 Elmaron	37082
60-110 mm/3.5 Vario-Elmaron (42.5 dia.)	37026
110-200 mm/3.5 Vario-Elmaron (42.5 dia.)	37027
70-120 mm/3.5 zoom (42.5 dia.)	37028

Accessories

Case—CA 2502	37961
Timer—CA 2502	37981
Remote extension cord (33')	37957
Remote control cord	37939
Cover (to 120 mm)	37982
Line cord	37656
2 Projector console	37972
Infrared remote control	37970
Daylight projection box	37963
Projection lamp EHJ (repl.)	37723
36 exp. slide tray—2 pack	37844
50 exp. slide tray—2 pack	37855
60 exp. LKM slide tray—2 pack	37979
80 exp. LKM slide tray—2 pack	37980

Dissolve units

DU 24A dissolve control *—For automatic recording and playback of dissolve shows	37973
DU 24M dissolve control *—For manual dissolve shows	37971

*For use on CA 2502 with built-in triac or other triac modified Pradovit projectors.

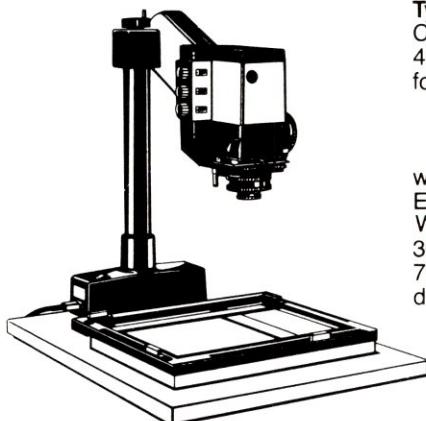
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FOCOMAT Enlargers

PAGE 31

FOCOMAT V35 AUTOFOCUS



Type of instrument:

Compact enlarger for color and black-and-white with automatic focusing and 40 mm WA-FOCOTAR f/2.8 wide angle lens.

for negative formats 24 x 36 mm

28 x 28 mm,

13 x 17 mm and

35 mm transparencies

with 12v/75W tungsten halogen lamp

Extremely large automatic focusing range 3 - 16x with the 40 mm WA-FOCOTAR f/2.8

30% more enlargement and

70% more picture area (compared with a 50 mm lens), at the same working distance to the baseboard

Dimensions and weights

Height: 39 1/2"; width: 21 1/4"; depth: 28"

FOCOMAT V35 AUTOFOCUS: 48 lbs.

Color module: 1 1/2 lbs.

Complete with

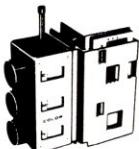
build-in transformer, line cord, 75W 12v tungsten halogen lamp, 24 x 36 mm negative carrier, adjusted lens, interchangeable LEITZ module.

With 40 mm WA-FOCOTAR f/2.8

Color version—110/250v (with color module) 17411

Multigrade Version—110/250v (with multigrade module) 17412

Black-and-white version—110/250v (with black-and-white module) 17407



Colour module



black-and-white module

Modules:

Color module	.....	17428
Black-and-white module	.....	17427
Vario-contrast module	.....	17441



24 x 36 mm negative holder (replacement), one-sided glass pressure	.....	17003
28 x 28 mm negative holder	.....	17007
13 x 17 mm negative holder	.....	17424
Glassless 24 x 36 mm negative holder	.....	17009
24 x 36 mm negative holder with two-sided glass pressure	.....	17002



Holder for 35 mm slides in 2" x 2" mounts	.....	17419
Film cups (2) for the enlarging of uncut films	.....	17425

Accessories



Diffusion disc for integrating exposure measurement. To be swung in front of the lens before measurement.

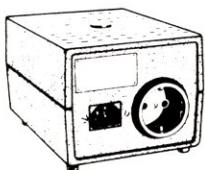
Diffusion disc	17430
Red filter/swing-out	17440

FOCOMAT Enlargers

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Voltage Stabilizer



Voltage stabilizer	98437
Dust cover for the V35	17429
Replacement lamps: 12v/75w Bulb, Philips Type 13139	98374

LEITZ FOCOTIMER



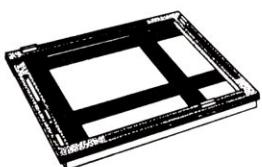
Electronically controlled exposure timer with digital display. The long-time range can also be used for the control of developing process.	
Focotimer 110v version	17432
Foot switch for the Focotimer and Focometer	17434

LEITZ-FOCOMETER QUARTZ



Automatic electronic exposure meter for black-and-white and colour with timer.	
Electronic light measurement with automatic conversion into the associated exposure time.	
Storage and digital display of the calculated exposure time.	
Choice of selective and integrating measurement.	
Integrating measurement with the Focomat V35 AF through diffusion disc (Code No. 17430) in front of the lens.	
The long-time range can be used for the control of developing process.	
Focometer Quartz 110v version	17443
Foot switch for the Focotimer and Focometer	17434

Easels



24 x 30cm (10 x 12 in.) universal easel (height 25 mm), 4 adjustable blades, combined in./cm scale	17584
30 x 40cm (12 x 16 in.) easel (height 30 mm) with 2 adjustable blades	17586
for the English system (inch):	
12 x 16 in. masking frame with 2 blades	17630



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MS 5M 2/85
