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CATALOG

NO. 37



# Leica

M CAMERAS & ACCESSORIES

Your assurance that the Leica camera or lens you buy is a new one, is the Leitz Registration Card which identifies the equipment by serial number. On returning this card to E. Leitz, Inc., you will receive your Leitz Guarantee Certificate. Only a Franchised Leica Dealer can provide you with the Leitz Registration Cards. We cannot guarantee any camera or lens sold to you without a Leitz Registration Card, since it must be assumed to be second-hand equipment.

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35mm PROJECTORS, ELECTRONIC FLASH EQUIPMENT, ENLARGERS, AND 8mm MOVIE EQUIPMENT ARE DESCRIBED IN OTHER LEITZ LITERATURE AND CATALOGS AVAILABLE FROM YOUR FRANCHISED LEICA DEALER

Prices and specifications effective May 1, 1964. Both are subject to change without notice.

# LEICA "M" CAMERAS

The Leica "M" models are the achievement of more than a third of a century of progress in the design of rangefinder 35mm cameras. Since 1925, when the introduction of the first Leica

launched the present era of 35mm photography, constant improvements have been added to make operation easier and success more certain.

## M 3

The Leica M 3 is the most advanced "M" model. Among its features are:

- Brilliant, single-window range- and viewfinder with life-size image.
- Built-in, parallax-corrected bright-line picture frames for 35mm, 50mm, 90mm and 135mm lenses. (Other focal lengths require accessory finders.)
- Accurate, rugged focal-plane shutter.
- One-stroke film-advance and shutter-wind lever.
- Single speed-setting dial with click-stops for speeds from 1 second to 1/1000th and B.
- **Automatic** flash synchronization for both conventional flash bulbs and electronic flash.
- Built-in exposure counter **automatically** resets itself to zero on reloading camera.
- Rewind lever resets **automatically** to "advance" position as film is loaded.
- Built-in self-timer (up to 10 seconds delay).
- Accessory shutter-coupled exposure meter available.
- Accessory reflex housing available for long-lens and close-up work.
- Many other accessories for close-up, copying and photo-micrography available.

## M 2

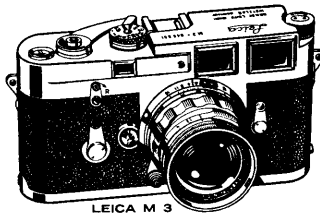
The M 2 is not a lesser, but a companion model to the M 3 and has most of the features of that model. It does, however, differ in some minor respects:

- Built-in, bright-line frames for 35mm, 50mm and 90mm lenses.
- Viewfinder image three-quarters life-size.
- Manually-reset automatic exposure counter.

In addition, the M 2 may be used with a Leicavit Rapid Winder base-plate for fast-sequence photography. The Leicavit cannot be used on the M 3.

## M 2X

The M 2X is a variation of the M 2 with the self-timer eliminated.



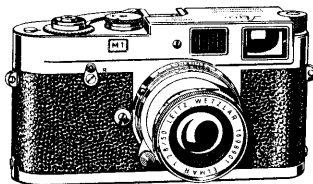
Catalog Number	Item	Retail Price
10,150	Leica M 3 without lens	\$297.00*
10,157	Leica M 3 with 50mm Elmar f/2.8 lens	363.00*
10,180	Leica M 3 with rigid 50mm Summicron f/2 lens	447.00*
10,185	Leica M 3 with Dual-Range 50mm Summicron f/2 lens and Optical Viewing Unit	486.00*
10,167	Leica M 3 with 50mm Summilux f/1.4 lens	513.00*
10,308	Leica M 2 with self-timer but without lens	249.00*
10,333	Leica M 2 with 35mm Summaron f/2.8 lens	366.00*
10,331	Leica M 2 with 35mm Summicron f/2 lens	408.00*
10,335	Leica M 2 with 50mm Elmar f/2.8 lens	315.00*
10,336	Leica M 2 with 50mm rigid Summicron f/2 lens	399.00*
10,338	Leica M 2 with 50mm Dual-Range Summicron f/2 lens and Optical Viewing Unit	438.00*
10,337	Leica M 2 with 50mm Summilux f/1.4 lens	465.00*
10,300	Leica M 2X without lens	210.00*

\*Including Federal Manufacturer's Excise Tax

# SPECIAL "M" MODELS M 1 & BLACK MODELS

## LEICA M 1

The Leica M 1 has the same precision as the M 3 and M 2 but lacks some of the automatic features of these models. It is an inexpensive yet flexible camera with a parallax-corrected viewfinder for 35mm and 50mm lenses, speeds from 1 second to 1/1000th and "Bulb," but without rangefinder, self-timer or frame selector. Flash synchronization is automatic, like that in the M 3 and M 2. The M 1 accepts bayonet-mounted lenses.



LEICA M 1

Catalog Number	Item	Retail Price
10,120	Leica M 1 without lens	\$188.00*

## CAMERAS, LENSES & ACCESSORIES AVAILABLE IN BLACK FINISH

To meet a limited but definite demand, certain Leica cameras, lenses, and accessories are now offered in a black as well as a chrome finish. These black-finish items will be available in limited quantities and on special order only.

The black cameras, lenses and Leicavit have white lettering and numerals except for the footage markings on the feet/meter focusing scales of the lenses. These are in red.

### CAMERAS IN BLACK FINISH

10,309	Leica M 2S without lens	276.00*
10,151	Leica M 3 without lens	324.00*

### LENSES IN BLACK FINISH

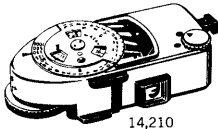
11,307	35mm Summicron f/2 for M 2S	\$174.00*
11,104	35mm "RF" Summicron f/2 for M 3	210.00*
11,117	50mm Summicron f/2 rigid mount	165.00*
11,113	50mm Summilux f/1.4	237.00*
11,122	90mm Summicron f/2 Bayonet mount in black finish	276.00*
11,829	135mm Elmarit f/2.8 with built-in collapsible lens hood and filter-retaining ring to accept Series 7 filter	258.00

### ACCESSORIES IN BLACK FINISH

16,459	Short Mount for use on Visoflex II or III with 90mm Summicron f/2 lens unit	\$ 69.00
14,087	Long Mount for coupling lens unit of 90mm Summicron f/2 to "M" Leicas	111.00
98,200	Leica Meter MC	36.00

\*Including Federal Manufacturer's Excise Tax

# BASIC CAMERA ACCESSORIES



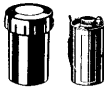
14,210



14,526



14,528



14,001

## BASIC ACCESSORIES FOR LEICA "M" MODELS

Catalog Number	Item	Retail Price
14,210	Leica-Meter MR, battery operated with CdS cell and self-locking indicator needle. Has 27° angle of acceptance. Couples to speed dial of Leica "M" models. Complete with Mallory PK 13 "button" battery . . . . .	\$48.00
14,215	Case for exposure meter MR. . . . .	4.80
14,216	Mallory PX 13 battery for Leica Meter MR (as replacement) . . . . .	0.50
14,526	Eveready Case for Leica M 3 or M 2 with 35mm "RF" lenses or 50mm Dual-Range Summicron, each with Optical Viewing Unit attached . . . . .	21.60
14,528	Eveready Case for Leica M 3, M 2 or M 1 with Leica Meter MR attached and lenses through 50mm without Optical Viewing Unit or collapsible 90mm lens. . . . .	20.40
14,094	Shoulder Grip for strap of Eveready case. Fits carrying straps up to 1/2" wide. . . . .	0.75
14,001	Film Magazine for all Leicas except 250 exposure model; with screw-cap plastic container . . . . .	6.90

# WIDE-ANGLE BAYONET LENSES

The versatility and popularity of the Leica System of photography have always been rooted in the large selection of interchangeable lenses available for it. The lenses below have bayonet mounts which fit the "M" series Leicas. Screw-mounting lenses for older Leicas, and lenses designed for use on Visoflex reflex housings will be found in other sections of this catalog.

Rangefinder-coupled lenses for the "M" Leicas are available in focal lengths from the extreme wide-angle 21mm to the long-focus 135mm. This group affords great control, both creative and technical, over the final picture. Through proper choice of lens, you can control perspective, bring distant scenes "closer," or work in small crowded areas, yet record all the important subject matter without the need to move back from it.

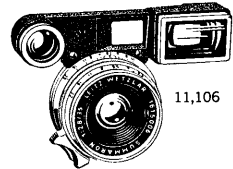
There is a Leica lens for every purpose. Some have the extremely high aperture of f/1.4 for work under very poor light. One—the Dual Range 50mm Summicron f/2—can be focused as close as 19" without extra accessories. And the 135mm Elmarit f/2.8 combines high speed with long focal length for situations which demand both from a lens. Still others are designed for all-around usefulness at modest cost.

Several of the longer focal lengths — particularly models of the 90mm and 135mm lenses — can also be used on the Visoflex II and III by means of adapters. This adaptation is especially useful for close-up and portrait work.

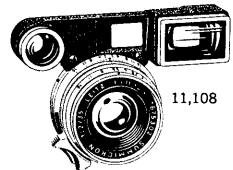
The longer focal length lenses, from 200mm to 400mm, which must be focused by a reflex system, are described in the section on the Visoflex housings.

Catalog Number	Item	Retail Price
11,103	21mm Super-Angulon f/3.4 bayonet mount, including special lens hood	\$270.00*
12,002	Optical Bright-line Viewfinder for 21mm lenses	48.00
11,106	35mm "RF" Summaron f/2.8 with Optical Viewing Unit for M 3	156.00*
11,306	35mm Summaron f/2.8 for M2	117.00*
11,108	35mm "RF" Summicron f/2 with Optical Viewing Unit for M 3	195.00*
11,308	35mm Summicron f/2 for M 2	159.00*
11,870	35mm Summilux f/1.4 for M 2	219.00*
11,871	35mm "RF" Summilux f/1.4 with Optical Viewing Unit for M 3	249.00*
12,585	Lens Hood with clamping device for 35mm and 50mm Summicron and Summaron lenses with 42mm flange diameter	7.80

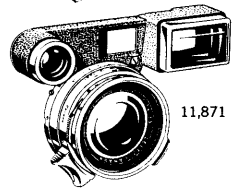
\*Including Federal Manufacturer's Excise Tax



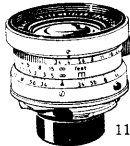
11,106



11,108



11,871



11,103



12,002



11,306



11,308

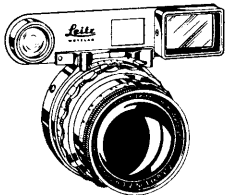


11,870



12,585

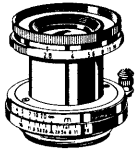
# NORMAL BAYONET LENSES



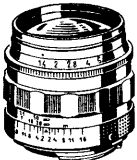
11,318

<i>Catalog Number</i>	<i>Item</i>	<i>Retail Price</i>
11,112	<b>50mm Elmar f/2.8</b> .....	\$ 66.00*
11,118	<b>50mm Summicron f/2, rigid</b> .....	150.00*
11,318	<b>50mm Dual-Range Summicron f/2 with Optical Viewing Unit for M 3 or M 2</b> .....	189.00*
14,002	<b>Optical Viewing Unit for bayonet-mounting 50mm Dual-Range Summicron f/2 lens (as replacement)</b> .....	24.00
11,114	<b>50mm Summilux f/1.4 includes lens hood and lens hood cap</b> .....	216.00*
12,585	<b>Lens Hood with clamping device for 35mm and 50mm Summicron and Summaron lenses with 42mm flange diameter</b> .....	7.80
12,522	<b>Lens Hood for 50mm Summilux f/1.4 (as replacement)</b> .....	7.80

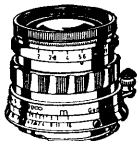
\*Including Federal Manufacturer's Excise Tax



11,112



11,114



11,118

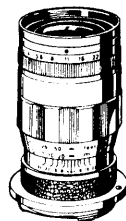


12,585

# LONG-FOCUS BAYONET LENSES

Catalog Number	Item	Retail Price
11,130	90mm Elmar f/4, rigid	\$108.00*
11,131	90mm Elmar f/4, collapsible	141.00*
11,800	90mm Tele-Elmarit f/2.8. Telephoto design; mount is only 60mm long	192.00
11,129	90mm Elmarit f/2.8, rigid	174.00*
11,123	90mm Summicron f/2, rigid; chrome finish	270.00*
11,850	135mm Elmar f/4	157.50
11,829	135mm Elmarit f/2.8, black finish only, with built-in collapsible lens hood and filter retaining ring to accept Series 7 filters	258.00
12,030	Optical Bright-Line Viewfinder for 135mm lenses. (Needed when lens is used on M 2)	21.90
12,575	Lens Hood with clamping device for bayonet-mounting 90mm Elmarit, Tele-Elmarit and Elmar and 135mm Hektor and Elmar lenses with 42mm front diameter. (Other viewfinders and lens hoods are listed in the Accessories Section.)	7.50

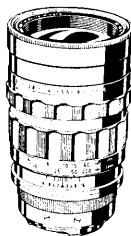
\*Including Federal Manufacturer's Excise Tax



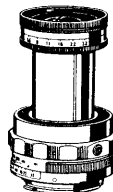
11,130



11,850



11,123



11,131



11,129



12,030



12,575



11,829

## DATA FOR RANGEFINDER-COUPLED "M" LEICA LENSES

Focal Length	Lens	Aperture Maximum/Minimum		Angle	Class	Click Diaphragm	Flange Diameter	Filter Designation	Weight Ounces	Minimum Focus*	Approx. Min. Focus Area (In.)		Application
21mm	Super-Angulon	f/3.4	f/22	92°	Wide Angle	Yes	42mm	Series 7	9	With RF M2-2' 4" M3-3' 4"	15 x 23 (at RF min. distance)	Interiors Architecture Panoramic	
35mm	Summilux 1	f/1.4	f/16	64°	Wide Angle	Yes	43mm	E41	M2-8.7 M3-11.5	M2 3' M3 2' 3"	22 x 33 16 x 24	Interiors Architecture Panoramic	
35mm	Summaron 1	f/2.8	f/22	64°	Wide Angle	Yes	42mm	A36	M2-6 M3-7.2	M2-2' 4" M3-2' 2"	17 x 25.5 16.2 x 24.5	Interiors Architecture Panoramic	
35mm	Summicron 1	f/2	f/16	64°	Wide Angle	Yes	42mm	E39	8.25	M2-2' 4" M3-2' 2"	17 x 25.5 16.2 x 24.5	Interiors Architecture Panoramic	
50mm	Elmar (collapsible mount)	f/2.8	f/16	45°	Standard	Yes	42mm	E39	7.5	3.5'	18 x 27	General Copying Macro	
50mm	Summicron	f/2	f/16	45°	Standard	Yes	42mm	E39	8.25	3.5'	18 x 27	General Action Poor Light Close-up	
50mm	Dual-Range Summicron	f/2	f/16	45°	Standard	Yes	42mm	E39	14.25 w/ o.v.u.	Normal- 3' 4" Close- 19"	7 x 10 (close- up) 18 x 27 (nor- mal)	General Action Poor Light Close-up	
50mm	Summilux	f/1.4	f/16	45°	Standard	Yes	45mm	E43	11.5	3.5'	18 x 27	General Existing light Fast action	
90mm (Either rigid or collapsible mount)	Elmar 2 (Note 2 for rigid mount only)	f/4	f/32	27°	Medium-Long focus	Yes	42mm	E39	9.5 & 12	3.5'	In Viso. 3' 4"	In Viso. 8.75 x 13	
90mm	Tele-Elmarit	f/2.8	f/16	27°	Tele-photo	Yes, incl. ½ stops	42mm	E39	12.5	3' 4"	8.6 x 13		
90mm	Elmarit 2	f/2.8	f/22	27°	Medium-Long focus	Yes	42mm	E39	11.5	3.5'	9.5 x 14.25	Animals Sports Landscapes Portraiture Close-up	
										In Viso. 19.6	In Viso. 3 x 4.7		
90mm	Summicron 2	f/2	f/16	27°	Medium-Long focus	Yes, incl. ½ stops	63.5mm	E48	25	3.5'	9.5 x 14.25		
135mm	Elmar 2	f/4	f/22	18°	Long focus	Yes	42mm	E39	15.5	5'	8.75 x 13	Animals Sports Distance Portraiture Close-up	
135mm	Elmarit 3	f/2.8	f/32	18°	Long focus	Yes, Half & full stop	65	Series 7	26	5'	8.75 x 13		

1. Separate models for M3 and M2

2. Lens unit can be used on Visoflex II or III with adapters

3. Lens unit adapts to Bellows II only

\* 21mm lens focuses between minimum range-finder distances and 16", but range-finder does not function in this area.

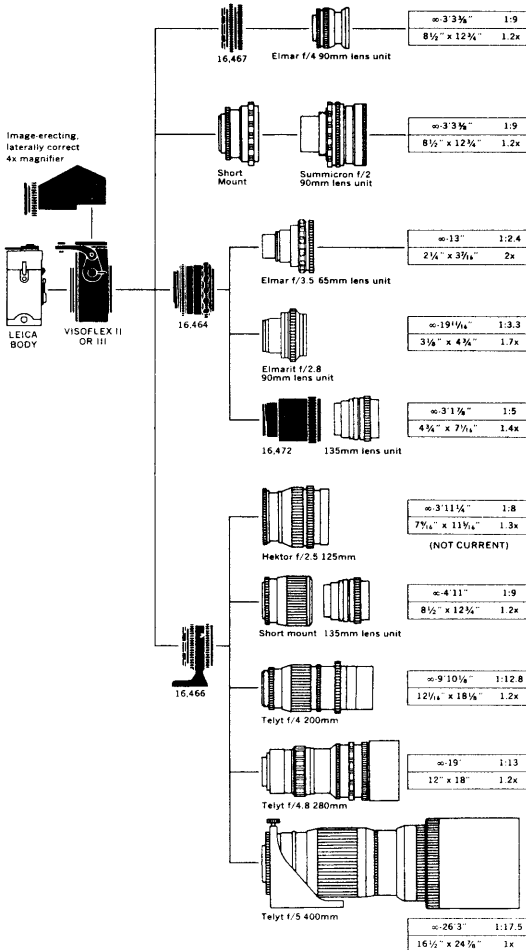
# THE VISOFLEX SYSTEM

For Normal-Range Photography  
(Visoflex Close-Up Equipment Appears In The Close-Up Section)

Data are indicated in boxes below as shown here:  
(figures are approximate)

focusing range	ratio of reproduction
area covered at shortest focus	exposure factor

## NORMAL RANGE



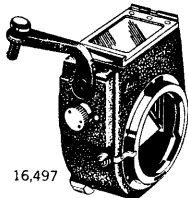
## REFLEX HOUSING VISOFLEX III

Experts acknowledge that no one method of focusing is best for all photo situations. For general photography with wide angle and normal lenses, the rangefinder system is faster and more accurate than a reflex camera. For extreme close-ups and telephotography, however, a reflex system is a "must."

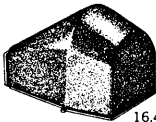
And so the Leica System has for many years made both focusing methods available in one camera by means of the Visoflex reflex housings. These accessories attach to the Leica body as quickly and easily as an ordinary lens

and accept Leica lenses from 65mm to 400mm in focal length. By adding extension tubes or a focusing bellows (or both), the Visoflex can be used for extreme close-up and scientific photography.

All lenses designed for the Visoflex except the 65mm Elmar (#11,061) and 90mm Summicron f/2 (#11,126) require the use of Adapter #16,466 when used on the Visoflex II or III. Various other adapters and short mounts for the lens units of other lenses are also available.



16,497



16,499



16,461

### VISOFLEX III

The Visoflex III is available for Leica "M" models only. It provides a selection of three mirror actions, any of which can be set quickly for best efficiency with varying types of photography:

- automatic quick-return, for sports or other action pictures
- soft upswing to minimize vibration for slow speeds and short time exposures
- mirror locked out of light path for long time exposures and scientific photography

A special lever-lock on the Visoflex III permits it to be attached to or removed from the camera even more quickly than a lens.

A 4X prism magnifier for eye-level use and a 5X straight magnifier for work with the camera below eye-level are available for the Visoflex III.

<i>Catalog Number</i>	<i>Item</i>	<i>Retail Price</i>
16,498	Visoflex III, bayonet mounting, with 4X magnifier . . .	\$162.00
16,497	Visoflex III, bayonet mounting without magnifier . . . .	103.50
16,499	4X Eye-Level Magnifier for Visoflex III. . . . .	58.50
14,118	Correction Lens for magnifier #16,499. Corrects for near- or far-sightedness. Prescription for eye to be used must be furnished with order. . . . .	15.00
16,461	5X Standard Magnifier for Visoflex II or III . . . . .	28.50

# FOCUSING MOUNTS FOR VISOFLEX LENSES

## SHORT LENS MOUNTS

The lens units of certain rangefinder-coupled Leica lenses are removable. In special short mounts or adapters, they can then be used on the Visoflex and Bellows Focusing Device.

and remounted in long, rangefinder-coupled mounts, if desired.

What's more the lens units of some short-mounted lenses for the Visoflex can be removed

Mounts, and some adapters are listed below. Adapters and extension tubes which fit Leica lenses for close-up photography will be found in the Close-up Section of this catalog.

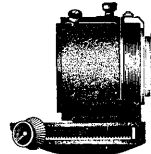
Catalog Number	Item	Retail Price
16,464	<b>Universal Focusing Mount.</b> Necessary with f/3.5 65mm on Visoflex II or III. Also adapts lens unit of f/2.8 90mm Elmarit to Visoflex II or III. With extension tube #16,472 it adapts lens unit of f/4.5 135mm Hektor or Elmar f/4 to Visoflex II or III.....	\$36.00
16,467	<b>Short Focusing Mount,</b> for lens unit of rigid f/4 90mm Elmar lenses above #1,572,401; permits focusing from infinity to 3'4" in Visoflex II or III.....	21.00
16,463	<b>Short Focusing Mount;</b> accepts lens units of 90mm Summicron lens and #11,123 for use on Visoflex II and III only.....	66.00
14,071	<b>Short Focusing Mount,</b> for 135mm Elmar lens unit. Fits Visoflex II and III(special order, serial number of lens must be furnished). Delivery 8-10 weeks.....	21.00
14,111	<b>Focorapid</b> mount for Visoflex II and III. Provides instant focus change to any of three predetermined distance settings. Settings changeable at will. Accepts lens unit of 200mm Telyt f/4.....	159.00
14,114	<b>Adapter</b> to use 135mm Hektor f/4.5 (serial numbers over 250,000) or Elmar f/4 lens with Focorapid Mount.....	5.70
14,113	<b>Adapter</b> to use discontinued 200mm Telyt f/4.5 lens with Focorapid Mount.....	5.70
14,112	<b>Adapter</b> to use 280mm Telyt f/4.8 lens with Focorapid Mount.....	6.30



16,464




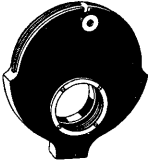


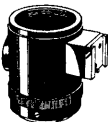
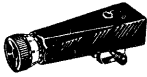
16,467







14,111

# VISOFLEX LENS ADAPTERS

## ADAPTERS FOR VISOFLEX II AND III

<i>Catalog Number</i>	<i>Item</i>	<i>Retail Price</i>
 16,466	16,466 <b>Adapter</b> fitting bayonet on front side of Visoflex II or III with standard Leica thread, increasing extension length of Visoflex to that of the Visoflex I and permitting use of short-mounted lenses of 125mm, 135mm, 200mm, 280mm and 400mm focus .....	\$19.50
 14,116	16,472 <b>Adapter Tube.</b> Adapts lens unit of 135mm to Universal Focusing Mount #16,464. Permits the lens to be focused to infinity on the Visoflex II or III. Can also be used with #16,464 and extension tube #16,471 at distances from 38" to 26" .....	5.40
	14,116 <b>Three Filter Turret</b> for use with short mounted 135mm, 200mm, 280mm, and 400mm lenses on Visoflex II and III, replaces Adapter No. 16,466, accepts 3 filters size E43. Adapters required for series 6 filters .....	57.00
	14,117 <b>Adapter Ring</b> to use Series 6 filters in Filter Turret. . . .	2.40
	14,020 <b>Extension Tube</b> (15mm), fitting between 200mm Telyt and Visoflex for photography between 6 and 10 feet. . .	3.90
	14,024 <b>Intermediate Collar</b> (63.5mm) with special viewfinder shoe. Replaces Visoflex and adapter #16,466 when using 200mm or 400mm Telyt directly on Leica cameras having bayonet lens flange (used with finder #12,035 or #12,037) .....	30.00
	12,035 <b>Sports Frame Finder</b> for 200mm lens for use with Intermediate Collar .....	25.50
	12,037 <b>Sports Frame Finder</b> for 400mm lens for use with Intermediate Collar .....	25.50
 14,117		
 14,020		
 14,024		
	 12,035	

# VISOFLEX LENSES

Catalog Number	Item	Retail Price		
11,062	<b>65mm Elmar f/3.5</b> for Visoflex II or III only. Lens unit without focusing mount. Use with Universal Focusing Mount #16,464	\$90.00*		
11,128	<b>90mm Elmar f/4</b> lens unit for use on Visoflex II or III only. Use with Short Focusing Mount #16,467	70.50*	11,062	11,128
11,026	<b>90mm Elmarit f/2.8</b> lens unit for use on Visoflex II or III only. Used with Universal Focusing Mount #16,464	123.00*		
11,126	<b>90mm Summicron f/2</b> in short mount, chrome finish, complete with preset diaphragm. Fits Visoflex II or III only	240.00*		
11,951	<b>135mm Elmar f/4</b> lens unit with click stops, without focusing mount. Used with Adapter #16,472 and Universal Focusing Mount #16,464	114.00	11,026	11,951

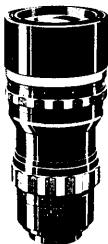
**The following lenses require the adapter # 16,466 for use on the Visoflex II or III (without adapter, they are used directly on the non-current Visoflex I):**

11,950	<b>135mm Elmar f/4</b> in short mount.	135.00
11,063	<b>200mm Telyt f/4</b> short mount, includes pre-set diaphragm built-in collapsible lens hood and lens hood cap	222.00
11,912	<b>280mm Telyt f/4.8</b> in parallel focusing mount with tripod socket; matte black finish, pre-set diaphragm; built-in collapsible lens hood	291.00
11,066	<b>400mm Telyt f/5</b> in short mount; includes built-in collapsible lens hood and lens hood cap	498.00

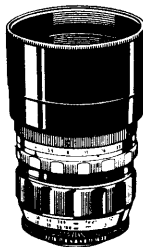
\*Including Federal Manufacturer's Excise Tax



11,950



11,912



11,063



11,066

## DATA FOR VISOFLEX II AND III LENSES\*

Focal Length	Lens	Aperture Max.	Aperture Min.	Angle	Class	Click Diaphragm	Flange Diameter	Filter Designation	Weight Ounces	Min. Focus	Approx. Min. Focus Area (In.)	Application
65mm	Elmar	f/3.5	f/22	36°	Standard Med. Long	Yes Half & Full stops	43mm	E41	4 1/2 oz. (incl. focus-ing. mt.)	13"	2.25 x 3.25	General Close-up Copying
90mm	Summicron	f/2	f/16	27°	Medium Long focus	Yes incl. 1/2 stops	63.5mm	E48	19	3.5'	9.5 x 14.25	Portraiture Theatrical Existing light Animals
125mm <small>and convert</small>	Hektor	f/2.5	f/22	20°	Long focus	Yes	59.8mm	E58	20.5	4'	7.5 x 11.25	
135mm	Elmar	f/4	f/32	18°	Long focus	Yes	42mm	E39	8.25	5'	8.75 x 13	Sports Distance Portraiture Close-up
200mm	Telyt	f/4	f/22	12°	Tele-photo	Yes (Preset)	65mm	E58	23	10'	11.75 x 17.75	Sports Wild life Distance Portraiture
280mm	Telyt	f/4.8	f/32	8.5°	Tele-photo	Yes (Preset)	65mm	E58	52.3	19'	18 x 27	Distance Wild life Sports
400mm	Telyt	f/5	f/32	6°	Tele-photo	No	91mm	E85	76	25'	16 x 24	Distance Wild life Sports

\*Removable lens units of certain other Leica lenses can also be used on the Visoflex with proper adapters. See other lens data chart and individual lens listings.

# VIEW FINDERS AND LENS HOODS

## VIEWFINDERS

Viewfinder frames for lenses from 50mm through 135mm are provided automatically by the range-viewfinder system of the Leica M 3. In the M 2 the 35mm through 90mm lenses are provided for.

But with extreme wide-angle lenses, or with a rangefinder-coupled 135mm lens on the M 2, accessory finders are needed for accurate composition.

Leitz Optical Bright Line viewfinders slip into the camera accessory clip and outline the appropriate picture field with a brilliant white line. Parallax compensation is provided, except in the case of the 21mm finder.

The Sports Frame finders outline the subject area in an open frame. They are especially useful for making action pictures and for general sports work. The frame finders also provide for parallax compensation.

(Carrying cases for the viewfinders are listed with cases for other Leica equipment)



12,002



12,007



12,010



12,015



12,025



12,030

## OPTICAL FINDERS

Catalog Number	Item	Retail Price
12,002	Optical Bright-Line Viewfinder for 21mm lens .....	\$ 48.00
12,007	Optical Bright-Line Viewfinder for 28mm lens .....	30.00
12,010	Optical Bright-Line Viewfinder for 35mm lenses .....	28.50
12,015	Optical Bright-Line Viewfinder for 50mm lenses .....	16.50
12,025	Optical Bright-Line Viewfinder for 90mm lenses .....	21.90
12,030	Optical Bright-Line Viewfinder for 135mm lenses .....	21.90

## FRAME FINDERS

12,035	Sports Frame Finder for 200mm lens .....	25.50
12,037	Sports Frame Finder for 400mm lens .....	25.50



12,035

## LENS HOODS

The purpose of a lens hood is to protect the clarity, contrast and brilliance which have been designed into your lenses. A lens hood keeps direct light rays – whether from the sun, flood or flash lamp – from hitting the front of the lens, causing internal reflections and loss of contrast in the picture.

Use a lens hood at all times – indoors and out – to keep picture quality high.

## LENS HOODS

12,501	Lens Hood for 21mm Super Angulon f/3.4 lens (as replacement) .....	10.50
12,585	Lens Hood for 35mm and 50mm lenses with 42mm front diameter, complete with plastic dust cap for use when lens is reversed for carrying and storage. Does not obstruct viewfinder .....	7.80
12,522	Lens Hood for 35mm Summilux f/1.4 (as replacement) .....	7.80
12,521	Lens Hood for all 50mm Summilux f/1.4 lenses (as replacement) .....	5.70
12,575	Lens Hood with clamping device for bayonet-mounting 90mm Elmarit, Tele-Elmarit and Elmar and 135mm Hektor lenses with 42mm front diameter .....	7.50



12,501



12,585



12,575

# LENS AND BODY CAPS

## LENS PROTECTION COVERS

Scratched lens surfaces can spoil the definition and contrast of even the finest lenses. Lens covers are the best and most inexpensive protection available against dust, moisture and abrasion. Safeguard lens elements – both front and rear – whenever the lens is not in use.

Lens-opening covers are used to protect the camera body whenever it is stored or carried without a lens attached.

## LENS PROTECTION COVERS

Catalog Number	Item	Retail Price
14,032	Front Lens Cap, screw-in type. Fits lenses with 42mm flange diameter .....	\$ 1.95
14,078	Front Lens Cap, Plastic for 35mm f/1.4 Summilux lens (fits front lens flange not lens hood) .....	1.50
14,031	Front Lens Cap, chrome plated, fitting 50mm Summicron and all Leica lenses with 42mm flange diameter)	1.65
14,036	Front Lens Cap, chrome plated, for 50mm Summilux f/1.4 lens. (Fits front lens flange, not lens hood).....	1.65
14,037	Front Lens Hood Cap, plastic. Fits lens hood #12,521 for 50mm Summilux reversed on lens for carrying or storage .....	.45
14,034	Front Lens Cap, chrome plated, for 65mm Elmar lens (as replacement) .....	1.20
14,028	Front Lens Cap for 90mm Summicron f/2 lenses with serial numbers 1,651,00 or over .....	1.95
14,044	Front Lens Cap, for 200mm f/4 Telyt lens .....	2.40
14,079	Front Lens Cap, for 280mm f/4.8 Telyt lens .....	3.30
14,046	Front Lens Cap, black finish, for 400mm Telyt lens ....	3.30



14,031

## REAR COVERS

14,042	Rear Lens Cap, for bayonet-mounting 21mm Super Angulon lenses and Stemar lenses .....	2.55
14,051	Rear Lens Cap, plastic, for all bayonet-mounting lenses (except 21mm lens) and Visoflex .....	1.65
14,059	Rear Lens Cap, for 65mm Elmar .....	.45



14,051

## CAMERA COVERS

14,056	Lens Opening Cover, for Leica cameras having bayonet-type lens flange .....	1.65
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14,056

## CORRECTION LENSES

Special correction lenses are available for the eyepiece of the range-viewfinder of the Leica to correct the system for your individual eyesight, should you be one of the many who normally wear glasses. With such a lens, you can use your camera accurately and conveniently without using eyeglasses. Please provide a prescription for your "camera eye" when ordering correction lenses.

# CAMERA ATTACHMENTS

## CORRECTION LENSES

(Correction lenses are custom-made accessories and are available on special order only. Prescription for the eye used must be furnished when ordering. Delivery: 8-12 weeks.)

Catalog Number	Item	Retail Price
14,061	Correction lenses for Leica M2 and M3. To correct near and far sightedness .....	\$ 10.00
14,062	Correction lenses for Leica M2 and M3. To correct astigmatism .....	15.00
14,063	Correction lenses for 4X and 5X magnifiers for Visoflex I and II. Corrects for near- and far-sightedness .....	9.00

## MISCELLANEOUS ATTACHMENTS

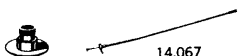
A selection of small accessories adds extra fun and convenience to picture-taking. The Leicavit Rapid Winder, for instance, makes it possible to shoot exciting action-sequence pictures at a faster rate than normal camera operation would permit.

The other attachments, whose functions are self-explanatory, help in various ways to make it easier for you to get the most from your Leica.

14,008	Leicavit Rapid Winder for M2 or M1 (cannot be used on Leica M3) .....	\$ 51.00
14,067	Cable Release (10 inches) with locking screw for bayonet-mounting Leica models .....	1.50
14,022	Take-Up Spool (marked "M") with pop-knob for Leica "M" models and Ig and IIg. (Unmarked spools cannot be used with the Ig, IIg) .....	3.30
14,092	Adjustable Neck Strap for all Leicas .....	1.80
14,110	Table Tripod with small ball-and-socket tripod head .....	16.50
14,100	Table Tripod without ball-and-socket head .....	7.50
14,105	Ball-and-Socket Head, small .....	9.00
14,115	Ball-and-Socket Tripod Head, large rigid construction, with built-in adapters for European and ASA Tripod threads .....	15.00
98,206	Benser Base Plate Lens Holder for all Leica "M" cameras. Holds two bayonet-mount Leica lenses (21mm lens requires adapter 16,469). Fits camera base plate, matte chrome finish .....	39.00
14,011	Rangefinder for Leica Ig or If. Chrome finish .....	22.50
14,012	Shoe for mounting rangefinder # 14,011 on cameras of larger size .....	1.65



14,008



14,067



14,022



14,092



14,115



14,100



14,011

# CARRYING CASES

Carrying cases not only protect, but organize your equipment for convenient use. There are available individual eveready cases for your camera, accessories and lenses, as well as fitted combination cases for complete photo outfits. Both the Leitz Universal Carrying Case and the Benser Carrying Case System will accommodate a wide variety of Leica equipment.

(Tripod cases are listed in the Tripod Section.)

## LEITZ CAMERA CASES

Catalog Number	Item	Retail Price
14,526	<b>Eveready Case</b> for Leicia M 3 or M 2 with 35mm lenses requiring Optical Viewing Unit or 50mm Dual-Range Summicron, each with Optical Viewing Unit attached. Also takes camera with 90mm Tele-Elmarit	\$ 21.60
14,528	<b>Eveready Case</b> for Leica "M" models with lenses through 50mm (except those with Optical Viewing Unit attached) and collapsible 90mm lens and Leica Meter "MC" .....	20.40
14,531	<b>Eveready Case</b> for Leica M 2 or M 1 fitted with Leica-vit Rapid Winder .....	21.60
14,094	<b>Shoulder Grip</b> for strap of Eveready case. Will fit carrying straps up to ½ inch wide .....	.75



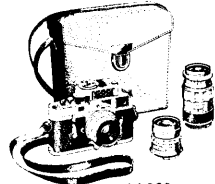
14,526



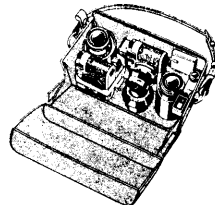
14,528

## LEITZ COMBINATION CASES

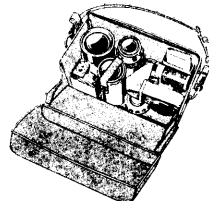
14,820	<b>Combination Case</b> , for Leica M 2 or M 3 and 35, 50 and 90mm or 35, 50 and 135mm lenses. Lens coupling ring #98205 included .....	37.50
98,205	<b>Lens Coupling Ring</b> , holds two bayonet-mounted Leica lenses back to back for storage in carrying case .....	1.95
14,803	<b>Universal Carrying Case II</b> with insert I, accommodating 1 Leica M with Leica Meter and 35 or 50mm lens with lens hood, 1 Elmar, Tele-Elmarit or Elmarit 90mm lens, 1 Hektor or Elmar 135mm or Summicron 90mm lens. One lens of 28 to 50mm focal length. The 21mm lens and the suitable lens hoods for all above. There is room for a second camera housing or synchronized flash unit (CEYOO, CHICO). A leather container included in the Universal Carrying Case II takes 3 filters of the type A 36, E 39, or E 41a .....	90.00
14,804	<b>Universal Carrying Case II</b> with insert II, accommodating 1 Leica Model M with Visoflex II or III, intermediate ring #16,466 and focusing mount #16,467 or #16,464; 1 each adapter tube #16,472, extension tube #16,471 and the 65mm lens; 1 135mm lens or the 90mm Elmarit with lens hood, 1 200mm Telyt or the 90mm Summicron. The 35mm lens fits the front pouch of the carrying case or; if the 200mm lens is not included, the 35mm lens can be fitted in its place. The leather container for the filters has room for 3 filters of the sizes A 36, E 39, or E 41 .....	96.00



14,820



14,803



14,804

## COMPONENT PARTS

98,860	<b>Universal Carrying Case II</b> , without insert .....	60.00
14,813	<b>Insert I</b> for Universal Carrying Case II .....	30.00
14,814	<b>Insert II</b> for Universal Carrying Case II .....	36.00
98,094	<b>Shoulder Grip</b> for strap of Universal Case .....	.75

Cases for the Leicina 8mm movie cameras are listed with the cameras.

# LENS CASES

## LENS CASES

	<i>Catalog Number</i>	<i>Item</i>	<i>Retail Price</i>
	14,561	<b>Lens Case #I</b> , leather, with snap-over fastener, fittings for strap of Eveready case or camera carrying strap, without neck strap, with bayonet lock for any one of the following bayonet mounting lenses with its lens hood: 28mm Summaron f/5.6 with bayonet adapter 35mm Summilux f/1.4 for M 2 35mm Summicron f/2 for M 2 or M 1 35mm Summaron f/2.8 for M 2 or M 1 35mm Summaron f/3.5 for M 2 or M 1 50mm Summilux f/1.4 50mm Summicron f/2 50mm Elmar f/2.8 50mm Elmar f/3.5 90mm Elmar f/4, collapsible .....	\$ 10.80
	14,562	<b>Lens Case #II</b> , leather, with snap-over fastener and neck strap. It accepts two lenses, including their lens hoods, held together with coupling adapter #98,205. Lens combinations held are: 90mm Elmar f/4 or 90mm Elmarit or Tele-Elmarit f/2.8 with any 28, 35, or 50mm lens without optical attachment or 135mm Hektor f/4.5 or 135mm Elmar f/4 with any 28, or 35mm lens without optical attachment .....	12.75
	14,563	<b>Lens Case #III</b> , leather, with snap-over fastener and neck strap. Accepts either 90mm Summicron f/2 or discontinued 85mm Summarex f/1.5 .....	12.00
	14,564	<b>Lens Case #IV</b> , leather, with snap-over fastener, neck strap, locking device in lid of case and loop for viewfinder of Dual-Range 50mm Summicron f/2. Accepting any one of the following lenses with lens hood attached: 35mm Summilux f/1.4 with optical attachment 35mm "RF" Summicron f/2 with optical attachment 35mm "RF" Summaron f/2.8 with optical attachment 35mm "RF" Summaron f/3.5 with optical attachment 50mm Summicron Dual-Range f/2 with optical attachment .....	14.40
	14,627	<b>Leather Case</b> for Optical Viewing Unit of Dual-Range 50mm Summicron .....	4.80
	14,585	<b>Leather Case</b> for Visoflex I, II or III (specify which) with 125mm Hektor, 135mm Hektor, 135mm Elmar, in short-mount or 200mm Telyt lenses .....	37.50
	14,587	<b>Leather Case</b> for 400mm Telyt lens, Visoflex I, II or III housing and Leica camera with double cable release and two filters .....	90.00
	14,603	<b>Plastic Case</b> for bayonet-mounting 21mm Super Angulon lenses .....	3.00
	14,595	<b>Plastic Case</b> for bayonet-mounting 35mm Summaron lenses without "RF" viewing unit .....	2.40
	14,601	<b>Plastic Case</b> for bayonet-mounting 50mm Elmar, Summicron or Summarit lens .....	2.40
	14,606	<b>Plastic Case</b> for bayonet-mounting 90mm Elmar collapsible or Tele-Elmarit lens .....	2.40
	14,607	<b>Plastic Case</b> for bayonet-mounting 90mm Elmar or Elmarit rigid lens .....	3.30
	14,611	<b>Plastic Case</b> for bayonet-mounting 135mm Hektor or Elmar lens .....	3.30

Plastic Cases

# ACCESSORY CASES

## FILTER CASES

<i>Catalog Number</i>	<i>Item</i>	<i>Retail Price</i>
14,604	Plastic Filter Box for filter E 39 .....	\$ .90
98,052	Plastic Filter Box for filter E 41 .....	.90
98,053	Plastic Filter Box for filters A 36 and E 43 .....	.90
14,612	Plastic Filter Box with slide-in groove for filter sizes E 39, E 41, E 43 and Series VI .....	.90



14,604

## FINDER CASES

14,617	Leather Case for 21mm or 28mm Optical Bright-Line viewfinder .....	2.40
14,630	Leather Case for 85mm, 90mm or 135mm Optical Bright-Line viewfinder .....	2.40
14,635	Leather Case for Universal Frame Finder .....	2.40

## ACCESSORY CASES

14,640	Leather Case for rangefinder FOKOS # 14,011 .....	2.40
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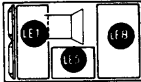
# BENSER CARRYING CASES

## Interchangeable Inserts For Leica Equipment

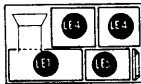
Below are some suggested insert combinations for specific Leica outfits. Each insert will also carry Leica equipment other than that specifically listed. Inserts LE I and LE Ia, for instance; will accept any Leica body – not only “M” models. And, of course, it is also possible to make hundreds of “floor plans” besides those listed here.

**OUTSIDE DIMENSIONS: 4 $\frac{3}{16}$ " D x 7 $\frac{3}{4}$ " L x 7" H**

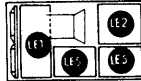
**(MODEL I) – Case only: #98,901**



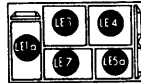
Set 1 – #98,911 \$40.65  
M3 with meter, plus  
35, 50 and 90mm  
4 films, 6 filters  
(lens in camera)



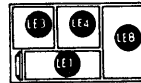
Set 2 – #98,912 \$41.10  
M2 with meter, plus  
50, 90 and 135mm  
4 films, 3 filters  
(lens in camera)



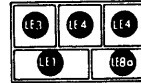
Set 3 – #98,913 \$42.45  
M2 with meter, plus  
35, 50 and 90mm  
8 films, 6 filters  
(lens in camera)



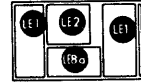
Set 4 – #98,914 \$47.85  
M2 without  
Leica-Meter  
plus 35, 50 and 90 mm  
special exposure  
meter  
6 films, 9 filters



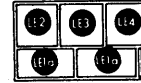
Set 5 – #98,915 \$45.30  
M3 with meter, plus  
35, 50, 90 and 135 mm  
(or 21, 35, 50 and  
90 mm)  
2 films, 3 filters



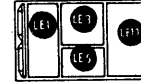
Set 6 – #98,916 \$47.10  
M3 with meter, plus  
35, 50, 90 and 135 mm  
4 films,  
4 filters in lid



Set 7 – #98,917 \$43.35  
2 M 3s with meter,  
plus 35, 50 and 90 mm  
(collapsible),  
2 films, 6 filters



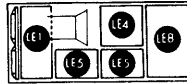
Set 8 – #98,918 \$46.20  
2 M 2s without  
exposure meter, plus  
21, 35, 50 and 90 mm  
2 films,  
or M 2 and M 3  
with 21, 35, 50, 90  
(collapsible)  
and 135 mm,  
2 filters



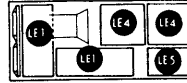
Set 9 – #98,919 \$44.25  
M 2/3 with meter,  
plus Visoflex II and  
50 mm,  
90 and 135 mm  
Lens units and rings,  
4 films, 6 filters

**OUTSIDE DIMENSIONS: 4 $\frac{3}{16}$ " D x 10 $\frac{3}{16}$ " L x 7" H**

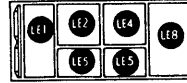
**(MODEL II) – Case only: #98,902**



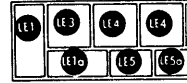
Set 1 – #98,921 \$53.85  
M3 with meter, plus  
21, 35, 50 and 90 mm  
(or 35, 50, 90 and  
135 mm)  
8 films, 6 filters  
(lens in camera)



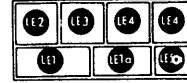
Set 2 – #98,922 \$50.25  
2 M 3s with meter,  
plus 50, 90 and 135 mm  
4 films, 5 filters  
(lens in camera)



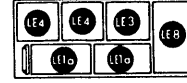
Set 3 – #98,923 \$58.65  
M3 with meter, plus  
35, 50, 90 and 135 mm  
with provision for  
an additional  
21 mm,  
8 films, 6 filters



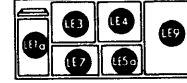
Set 4 – #98,924 \$58.20  
Two “M” Leica  
bodies – one with and  
one without exposure  
meter, plus 35, 50,  
90 and 135 mm  
8-9 films, 3 filters



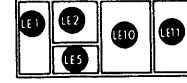
Set 5 – #98,925 \$59.10  
Two “M” Leica  
bodies – one with and  
one without Leica-  
Meter, plus 21, 35, 50,  
90 and 135 mm  
4 films,  
4 filters in lid



Set 6 – #98,926 \$57.60  
2 M 3s without  
Leica-Meter, plus  
21, 35, 50, 90 and  
135 mm, with  
2 films, 3 filters



Set 7 – #98,927 \$57.60  
1 M 2 without  
Leica-Meter, special  
exposure meter, with  
35, 50, 90 mm Sum-  
micron, 135 mm  
(special viewfinder),  
5 films, 3 filters



Set 8 – #98,928 \$56.25  
For Visoflex II  
equipment: Leica  
with 50 or 65 mm,  
90, 135 mm lens units  
and 200 mm, with  
space for the  
necessary inter-  
mediate rings and  
focusing mounts

1 For carrying the 21mm Super Angulon complete with its special view finder, we recommend that you add drawer A.

## The Insert System And Its Function

### Footnotes

- 1 except the super-speed lenses (such as the 50mm Summilux f/1.4 with hood) which are always housed in the top compartment.
- \* generally chosen in place of LE 6 if exposure meters other than the Leica Meter are used. The larger dimensions of this insert are compensated for by combining it with the film insert LE 5a instead of LE 5.
- \*\* Takes up the entire width of the bag. Generally chosen instead of LE 2 + LE 6.
- x Takes up the entire width of the bag. Generally chosen instead of LE 4 + LE 5. The dimensions of this insert are larger, taking up the space occupied by the large filter panel (FP 6). Instead, use the square filter panel in the lid of the bag.
- xx For combination with the Visoflex II attachment only.
- 1 For carrying the 21mm Super Angulon complete with its special viewfinder, we recommend the addition of drawer A.

Inserts	Top compartment	Bottom compartment
LE 1	Any Leica body with Leica Meter or Leicovit attached.	None. (The front of the insert is cut out, accommodating, if required, the camera with the lens in position.)
LE 1a	As above, but without Leica Meter or Leicovit.	None.
LE 2	One 21mm (with reversed hood) or one 28 or 35mm lens with hood in position; or one 50mm lens with reversed hood. (For 35mm lens for M3, see inserts LE 8 and LE 8a.)	90mm Elmarit or 90mm Elmar with reversed lens hood; all shorter focal lengths (see footnote 1) with lens hoods in position. 65mm Elmar with rings #16,464 and #16,471. Accepts Drawer A or B.
LE 3	Any 35-50mm lens with hood in position (for 35mm lens for the Leica M3 see inserts LE 8 and LE 8a). 90mm Elmar (collapsible) with lens hood reversed; 65mm Elmar with rings #16,464 and #16,471 for the Visoflex II.	Any 35-50mm lens (see footnote 1) with hood in position, 90mm Elmar (collapsible) with reversed hood, 135mm lens in short mount for Visoflex or 35mm films.
LE 4	90mm Elmar or Elmarit with hood in position. 135mm lenses with hood reversed. (Two 35mm films without cans or boxes will also fit under the 90mm lenses.)	None.
LE 5	Chute for 4 35mm films in cardboard boxes or Leica film cassettes in metal cans.	None.
LE 5a	Chute for 4 35mm films in standard metal cans or foil.	None. (In certain combinations, the shorter dimensions of this insert permit you to use other inserts which are larger than standard.)
LE 6	For accessories such as the Leica Meter, Optical Viewing Unit for the Dual-Range Summicron, and small dust brush (use this insert if the Leica Meter is often stored off the camera).	Center compartment - for special viewfinders such as the Imairect Universal Viewfinder, or - a 35mm film in cardboard box. Bottom compartment - for Leica Meter booster cell.
LE 7*	For various makes of exposure meter, e.g. Sixtomat 3, Bewi, Weston Master, etc.	For special viewfinders, such as Imairect Universal Viewfinder, or - a 35mm film in cardboard box.
LE 8**	Especially for 35mm "RF" lenses for M3, with Optical Viewing Unit and with hood #12,571 in position; also has space for Leica Meter and Optical Viewing Unit for the Dual-Range 50mm Summicron plus small dust brush.	90mm Elmar or Elmarit (horizontal) with reversed hood, or - for Drawer A or B for the storage of various items. †
LE 8a	35mm "RF" lens with Optical Viewing Unit for the Leica M3, but without hood, or - Lunasix or other large types of exposure meter.	For smaller exposure meters such as the Sixtomat 3, Bewi, Weston Master (horizontal), or - 2 35mm films.
LE 9x	Special insert for 90mm Summicron f/2 with hood or Visoflex I with 5x magnifier (Double cable release fits into side compartment).	None. (side compartment accommodates special panel for 4 filters), or - 5 35mm films without metal cans.
LE 10xx	200mm Telyt with Adapter #16,466 attached, (i.e. instantly ready for use with the Visoflex II); or 125mm Hektor with attached hood, Adapter and Visoflex.	None. (side compartment accommodates special panel for 4 Telyt filters).
LE 11xx	Visoflex II housing and viewfinder magnifier, angled or vertical (the release lever must be in the forward position).	90mm or 135mm lenses in short mount with hoods in position, or - for Drawer A or B for the storage of various items †
LE 12	Accepts the 280mm Telyt in its large top to bottom compartment. Two filters in the top side compartment, the OUBIO adapter in the bottom side compartment.	
LE 13	135mm Elmarit with viewfinder attachment.	None.
LE 14	Visoflex III with magnifier.	None. Side compartment accepts 90mm Elmar or Elmarit or 135mm Elmar lens unit.

# BENSER CASES

## BENSER CASE SYSTEM COMPONENTS

(See Page 20 For Combination Outfit Prices)

<i>Catalog Number</i>	<i>Item</i>	<i>Retail Price</i>
98,901	Model I, brown cowhide gadget bag with adjustable carrying strap but with no inserts .....	\$25.50
98,902	Model II, brown cowhide gadget bag with adjustable carrying strap but with no inserts .....	31.50
98,930	Insert LE 1 .....	3.00
98,931	Insert LE 1a .....	2.85
98,932	Insert LE 2 .....	4.80
98,933	Insert LE 3 .....	4.80
98,934	Insert LE 4 .....	3.60
98,935	Insert LE 5 .....	3.60
98,936	Insert LE 5a .....	3.45
98,937	Insert LE 6 .....	5.40
98,938	Insert LE 7 .....	3.90
98,939	Insert LE 8 .....	6.60
98,940	Insert LE 8a .....	5.10
98,941	Insert LE 9 .....	5.70*
98,942	Insert LE 10 .....	6.30*
98,943	Insert LE 11 .....	5.40
98,951	Insert LE 12 .....	8.10
98,953	Insert LE 13 .....	5.40
98,954	Insert LE 14 .....	6.30
98,944	Drawer LE A .....	2.40
98,945	Drawer LE B .....	1.50
98,946	Six Filter Panel .....	1.95
98,947	Four Filter Panel .....	1.50
98,948	Narrow Three/Six Filter Panel .....	1.80
98,949	Filter Panel For Insert LE 9 .....	1.65
98,950	Filter Panel For Insert LE 10 .....	1.65
98,952	Filter Panel For Insert LE 12 .....	1.65

\*Price does not include special filter panel

# EXPOSURE METERS

One of the most important secrets of successful photography is correct exposure. And the best way to guarantee proper exposure is to use a photoelectric exposure meter.

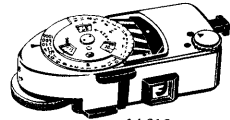
Utmost accuracy and convenience are provided by the Leica-Meter MR, which couples to the shutter speed dial of Leica "M" models. It sets the correct shutter speed automatically as you line up the exposure dial for a preselected f/stop. The Leica-Meter MR features a cadmium sulphide photo resistor with extreme sensitivity and has an angle of view which matches that of a 90mm lens. Thus, you can see exactly which part of the scene the meter is "reading" by looking through the 90mm bright-line frame of the Leica viewfinder.

The Leica-Meter 3 is a small and handy selenium-cell meter which can be slipped into the accessory shoe of any Leica (and most other cameras) but which does not couple to the shutter dial. It can also be carried and used off the camera, and comes with a carrying chain and retainer plate for off-camera use. An accessory booster cell can be used to increase the meter's sensitivity for low-light use.

The Horvex 3 meter is a versatile yet inexpensive selenium-cell meter which offers dependable performance at small cost. The Horvex 3 is designed for off-camera use and can be operated with one hand. A booster cell is also available for this meter.

## LIGHT METERS

<i>Catalog Number</i>	<i>Item</i>	<i>Retail Price</i>
14,210	<b>Leica Meter MR</b> , battery operated with Cds cell and self-locking indicator needle. Has 27° angle of acceptance. Couples to speed dial of Leica "M" models. Complete with Mallory PX 13 "button" battery .....	\$ 48.00
14,231	<b>Leica Meter 3</b> with booster cell, incident light attachments, retainer plate, carrying chain. Eveready case for meter and case for booster cell .....	25.50
14,230	<b>Leica Meter 3</b> without booster cell, but with incident light attachment, retainer plate, carrying chain and Eveready case .....	19.50
14,220	<b>Horvex 3 exposure meter</b> ; with carrying chain, incident light attachment, less case and booster cell .....	15.90



## REPLACEMENT AND ACCESSORY PARTS

14,215	<b>Case</b> for exposure meter MR .....	4.80
14,216	<b>Mallory PX-13 battery</b> for Leica Meter MR .....	.50
14,232	<b>Booster Cell</b> for Leica Meter 3 (or 2) with leather case .....	7.50
14,233	<b>Incident Light Attachment</b> for Leica Meter 2 and 3 ....	.75
14,234	<b>Incident Light Attachment</b> for booster cell of Leica Meter 3 .....	.90
14,235	<b>Retaining Plate</b> and carrying chain for Leica Meter 3 .....	.75
14,239	<b>Eveready Case</b> for Leica Meter 3 .....	1.80
14,238	<b>Case</b> for Leica Meter 3 and Leica Meter "MC" booster cell .....	.90
14,012	<b>Shoe</b> for mounting Leica Meters (except models "M", "MC" and "MR") on cameras of larger size .....	1.65
14,222	<b>Booster cell</b> for exposure meter Horvex 3 .....	6.30
14,225	<b>Case</b> for exposure meter Horvex 3 .....	2.70
14,226	<b>Case</b> for Horvex 3 booster cell .....	1.95

# FILTERS

A filter, properly used, is a creative optical tool which can lift your pictures out of the ordinary and infuse them with drama. But, like a quality lens, a filter must be precisely made – from finest optical glass, carefully ground and polished. Most important of all, it must be thin, with plane-parallel surfaces to avoid disturbing the high correction of the camera lens. A cheap, poorly made filter can cancel out the skills of

even the finest lensmakers.

Leitz filters for black-and-white photography are made from solid optical glass and ground thin (average: .066") to produce maximum sharpness. Polarizing and color-photography filters are laminated. This must be done to achieve the precise transmission characteristics necessary for color work.

## BLACK-AND-WHITE FILTERS

Generally speaking, filters for black-and-white photography are used to control contrast and the rendition of colors as tones of gray in the final print. Scene colors complementary to that of the filter are rendered dark on the final print. Colors similar to that of the filter become a lighter gray than they would otherwise be. Thus, a yellow filter renders blue skies as a darker gray than they would be in a photo made without the filter. Orange and red filters act like the yellow filters but with increased effect, the red producing nearly black skies in a print.

A special filter like the infra-red is too dark for

use with ordinary film and are used only with films sensitive to infra-red. The UVa filter is used to reduce the effect of ultra-violet. All film is sensitive to these short wavelengths of light; without a filter, pictures made of distant scenes, or at high altitudes, lose contrast, because of scattered ultra-violet light. Other filters also absorb ultra-violet, but the UVa is colorless and needs no extra exposure.

The blue filter is used principally for copying to darken yellowed, faded writing or photographic images and thus to restore contrast. It has little use in general photography.

## COLOR FILTERS

Filters for color photography are of two general types: correction filters and conversion filters. The former are used to correct excess reddishness or bluishness when the light source is other than that for which the film is balanced. For instance, a picture made by the light of a clear flash bulb on Type "A" Kodachrome (which is balanced for photoflood lamps) would require a Leitz "Flash" filter to correct the relatively bluish flashlight to the response of the Type "A" film.

Conversion filters "convert" the light for use with film normally intended for use under different lighting conditions. An example of this would be the use of the Leitz Type "A" filter

when Type "A" film is used outdoors in daylight. Leitz filters for color photography are:

### Conversion:

TYPE "A": Used with Kodachrome Professional Type "A" film for photography outdoors in daylight.

PHOTOFLOOD: Used with daylight type films when the light source is photoflood bulbs.

### Correction:

FLASH: Used when Type "A" film is exposed by clear flash bulbs.

SKYLIGHT: Used with daylight color films to absorb excessive blue found at high altitudes, at the shore and in open shade.

## POLARIZING FILTERS

Polarizing filters can be used for either color or black-and-white photography, since they are neutral in color.

With a polarizing filter, you can minimize or

even eliminate reflections from the surfaces of water, show windows, furniture, etc. This type of filter is the only one which will darken the blue sky in color photographs without altering the color or tone in the rest of the scene.

A-36\*\*

E-39\*\*

E-41\*\*

S-43\*\*

E-48\*\*

E-58\*\*

E-85\*\*

FILTERS FOR LEICA LENSES	FILTER FACTORS†	CLAMPING SCREW		SCREW-IN		SCREW-IN		SCREW-IN		SCREW-IN		SCREW-IN			
Yellow O (light)	1.5	13,000	\$ 7.50	13,081	\$ 7.20	13,155	\$ 8.40			13,290	\$ 9.00	13,230	\$13.50	13,291	\$27.00
Yellow I (medium)	1.5 — 2	13,005	7.50	13,086	7.20	13,160	8.40	13,161	\$ 8.40	13,295	9.00	13,235	13.50	13,296	27.00
Yellow-Green (medium)	2 — 3	13,015	7.50	13,096	7.20	13,170	8.40	13,171	8.40	13,305	9.00	13,245	13.50	13,306	27.00
Blue (medium)	1.5	13,020	7.50	13,098	7.20	13,172	8.40	13,173	8.40	13,307	9.00				
Orange (medium dark)	3 — 5	13,025	7.50	13,101	7.20	13,175	8.40	13,176	8.40	13,310	9.00	13,250	13.50	13,311	27.00
Red (dark)	6 — 25			13,116	7.20	13,190	8.40	13,191	8.40	13,315	9.00	13,255	13.50	13,316	27.00
Infrared (dark)	6 — 100†	13,050	7.50	13,126	7.20	13,200	8.40	13,196	8.40	13,325	9.00	13,265	13.50	13,326	27.00
UVA Absorption (colorless)	1.2	13,055	7.50	13,131	7.20	13,205	8.40	13,206	8.40	13,330	9.00	13,270	13.50	13,331	27.00
Photoflood		13,065	9.00	13,141	9.00										
Type "A"		13,060	9.00	13,136	9.00	13,215	10.20	13,218	10.20	13,335	12.30	13,275	17.70		
Flash		13,070	9.00	13,146	9.00	13,225	10.20	13,228	10.20	13,345	12.30	13,285	17.70		
Skylight		13,075	9.00	13,151	9.00	13,220	10.20	13,221	10.20	13,340	12.30	13,280	17.70		
Polarizing (engraved mount)	2.5 — 3	13,350	24.00			13,360	25.50								
Polarizing (swing out mount)	2.5 — 3			13,352†	30.00			13,351	30.00						

† Cannot be used with 28mm or 21mm lenses, with or without adapter. These filters mount with clamping screws.

\*\* With 36mm flange diameter. †† With 42mm flange diameter.

\*\* Letters designate: A—Slip-on; E—Screw-in. Numbers show the outer flange diameter of lenses accepting slip-on filters, or the outer thread diameter of screw-in filters.

†† The Panchromatic films; factors will vary with the light source and intended only as guides.

3. Lens hood also accepts Series 7 filters.

# CLOSE-UP PHOTOGRAPHY

Close-up photography helps you to explore the world of the very small which is otherwise beyond the powers of the human eye.

We can divide close-up photographs into two groups: those taken with and without a microscope. Photography with the aid of a microscope (which in this application replaces the camera lens) is called photomicrography.

The normal minimum focus of most Leica lens mounts is 3½ feet or more, which limits their application to close-up work. However, much close-up photography can be done simply and conveniently with the 50mm Dual-Range Summicron lens, since it has a second, close-focusing range down to 19 inches, with focusing and framing done through the camera's range-viewfinder.

The Visoflex and the 65mm lens in the Universal Focusing Mount are an extremely simple and flexible combination for close-up work. Focusing and framing are done on the ground glass of the Visoflex and the focusing range is from infinity down to a 1:1 ratio of reproduction. Simple

extension tubes can extend the close-up range still further.

The Visoflex with the Bellows II, however, combines simplicity with extreme versatility. It offers continuously variable extra lens extension through a great focusing range, with ground-glass focusing and framing. A choice of adapter rings permits the use of most Leica lenses or lens units on the Bellows. Lenses from 65mm to 200mm (in proper adapters) will focus from infinity to the close-up range. Shorter focal lengths can be used with the bellows only in the close-up range.

Also available for the Visoflex are close-up adapters which are used with certain lens units directly on the reflex housing without the bellows.

Still other accessories for close-up and copying photography are available, providing various degrees of versatility. Some are used with the range-viewfinder system of the camera; others require groundglass focusing and framing. Still others provide fixed ratios of reproduction and areas of coverage and need not be focused visually at all.

## VISOFLEX CLOSE-UP ACCESSORIES

The Visoflex is a prime tool for close-up photography with the Leica. Used with the Bellows, it is both convenient and versatile, not only for close-up photography, but, with most Leica lenses, for general photography as well.

The lens units of Leica lenses from 65mm to 200mm (except the 135mm Elmarit and 90mm Tele-Elmarit and Summicron) will focus in the Bellows from infinity down to ratios as large as 1.4:1, in the case of the 65mm lens.

For extreme close-ups within a limited range of focus, lenses of shorter focal length can also be adapted for use on the Bellows.

The Bellows is extremely rigid, and features backlash-free rack-and-pinion focusing. A second geared motion shifts Bellows and camera as a unit so that fine focusing can be done

without changing the image-or field-size on the negative.

An engraved data-scale shows reproduction ratios and corresponding exposure increases for the 90mm Elmarit or Elmar lens heads. A second scale shows the actual Bellows extension in millimeters.

An accessory bellows-type lens hood is available which attaches to the lens flange in the same way as an ordinary Leica lens hood.






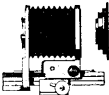





Also available for the Visoflex are a number of simple and inexpensive extension tubes which are used with certain Leica lenses to extend focusing into the realm of close-up photography. They do not require the use of the Bellows, and so, necessarily, do not offer as wide a focusing range as does the Bellows.

(The Visoflex is listed in a separate section of this catalog.)

# VISOFLEX CLOSE-UP; BELLOWS II

## VISOFLEX CLOSE-UP ADAPTERS AND FOCUSING BELLOWS II

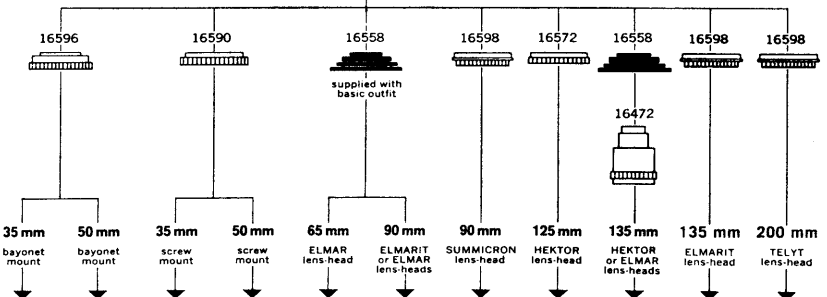
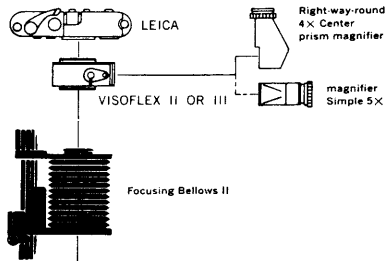
(The Visoflex is listed in a separate section)

Catalog Number	Item	Retail Price
16,464	 <b>Universal Focusing Mount.</b> Necessary with f/3.5 65mm lens on Visoflex II or III. Also adapts lens unit of 90mm Elmarit f/2.8 to Visoflex II or III. With extension tube #16,472 it adapts lens unit of 135mm Hektor f/4.5 or f/4 Elmar to Visoflex II or III. ....	\$ 36.00
16,471	 <b>Extension Tube</b> for lens unit of 90mm Elmarit f/2.8 and 65mm Elmar f/3.5 lens. Fits Universal Focusing Mount #16,464 and adapts these lenses for extreme close-up photography. With Adapter Tube #16,472 it can also be used with the lens unit of the 135mm	5.40
16,469	 <b>Tube to thread into Adapter Ring</b> #16,558, permitting use of the lens-heads of the 135mm Elmar or Hektor on Bellows II .....	5.40
16,468	 <b>Extension Tube.</b> Bayonets to front of Visoflex II or III; accepts bayonet-mounting Leica lenses (except short-mounted 90mm Summicron) for close-up photography	10.50
16,474	 <b>Extension Tube</b> for Short Focus Mount #16,467 permitting focusing 90mm f/4 lens unit from 3'4" to 2'2"	2.85
16,474	<b>Extension Tube</b> for short mounted 90mm Summicron f/2 lens for photography between 3'6" and 2'1" .....	5.40
16,556	 <b>Focusing Bellows II,</b> with Adapter Ring for lens units of the 90mm Elmarit or Elmar and the 65mm Elmar	96.00
16,557	<b>Bellows-type Lens Hood</b> for Focusing Bellows II and Leica lenses with 42mm (E 39) front diameter .....	30.00
13,154	<b>Adapter Ring</b> for using bellows-type lens hood with Leica lenses having 36mm (A 36) front diameter ....	4.95
16,596	 <b>Adapter Ring</b> for fitting bayonet-mounting 35mm and 50mm Leica lenses to Bellows II .....	9.90
16,590	<b>Adapter Ring</b> for fitting screw-mounting 35mm and 50mm Leica lenses to Bellows II .....	4.50
16,580	<b>Special Extension Tube</b> fitting 135mm lens unit to Adapter Ring #16,590 .....	3.00
17,672	 <b>Adapter</b> fitting lens units of 50mm Dual-Range and rigid-mount Summicron lenses to Bellows. Used with Adapter Ring #16,590 .....	3.30
16,558	 <b>Adapter Ring</b> for fitting lens-heads of the 90mm Elmarit or Elmar, and the 65mm Elmar to Bellows II. (This ring is supplied with the basic outfit) .....	6.30
16,598	<b>Adapter Ring</b> for fitting lens-heads of the 90mm Summicron, 135mm Elmarit f/2.8 and 200mm Telyt f/4 to Bellows II .....	5.10
16,572	 <b>Adapter Ring</b> for fitting lens-head of the 125mm Hektor to Bellows II .....	3.60
14,821	 <b>Case</b> for Bellows II, Visoflex II and accessories .....	27.00

(The Visoflex and its lens mounts are described and listed in another section.)

# THE EXTREME VERSATILITY OF THE FOCUSING BELLOWS II

THIS CHART indicates the major combinations possible with this ultra-compact reproduction unit. Even greater image-magnifications than those indicated for the various lenses, for example, be obtained by employing additional standard LEITZ extension-tubes. An ideal device for general copying and extreme close-up applications, the Focusing Bellows II provides both the precision required by technical and scientific workers and the simplicity of operation desired by the amateur.

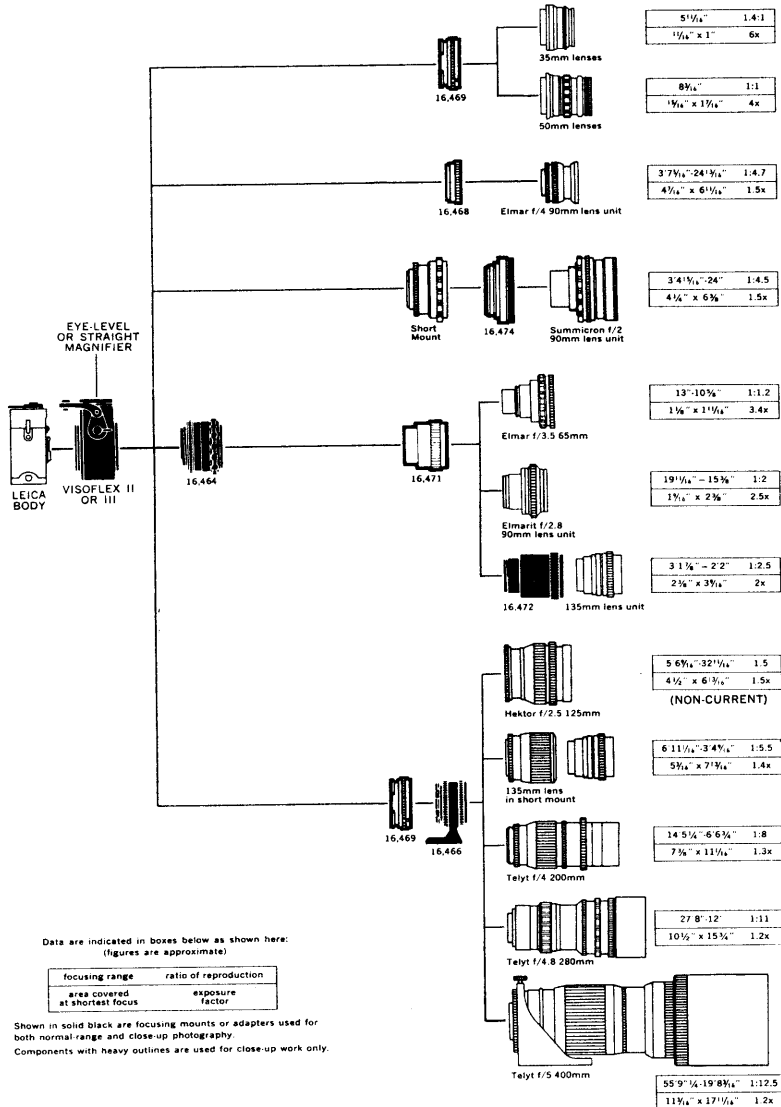


<b>Reproduction Ratio</b> (image: object)	from 2.1:1 to 4.8:1	from 1.4:1 to 3.2:1	from 1.7:1 to 4.4:1	from 1.1:1 to 3.0:1	from 0 to 1.4:1	from 0 to 1.0:1	from 1.0:20 to 1.1:1	from 0 to 1.0:1.7	from 0 to 1.0:1.4	from 1:1.17 to 1:1.25	from 0 to 1:3
<b>Distance from subject to film</b>	6.5" - 9.5"	8.5" - 11.5"	6.0" - 9.0"	8.5" - 11.0"	∞ - 11.0"	∞ - 14.5"	78" - 14"	∞ - 20"	∞ - 22"	102" - 22.5"	∞ - 42"
<b>Field-size inches</b>	0.5×0.7" - 0.2×0.3"	0.7×1.1" - 0.3×0.4"	0.6×0.8" - 0.2×0.3"	0.9×1.3" - 0.3×0.5"	∞ - 0.7×1.1"	∞ - 0.9×1.4"	18.9×28.4" - 0.9×1.3"	∞ - 1.6×2.4"	∞ - 1.4×2.0"	17×25.5" - 1.25×1.8"	∞ - 3×4.5"

The above figures have been rounded off for simplicity and are offered only for purposes of comparison.

# CLOSE-UPS WITH THE VISOFLEX SYSTEM

(Visoflex items shown below which are not listed in the Close-Up Section are in the Visoflex Section)



# RANGE-VIEWFINDER ATTACHMENTS; COPY STANDS, FIXED RATIOS

## RANGE-VIEWFINDER ATTACHMENTS

The Close-Focusing Device provides most 50mm Leica lenses with the focusing capabilities of the Dual-Range 50mm Summicron. Mounted in it, Summicron or Elmar 50mm lenses

focus down to 19 inches. At the same time, optical components of the accessory adapt the range-viewfinder system to permit focusing and framing in the close-up range.

Catalog Number	Item	Retail Price
16,507	<b>Close Focusing Device</b> , bayonet-mounting; accepts bayonet-mounting collapsible 50mm lenses, and screw-mounting 50mm Elmar f/2.8. Focusing range from 2' 10.5" to 19" with ratios of reproduction from 1:15 (14" x 21") to 1:7.5 (7" x 10.5") .....	\$45.00
16,508	<b>Adapter</b> fitting lens unit of rigid-mount Summicron to Close Focusing Device #16,507 or Auxiliary Reproduction Unit #16,526 .....	3.60
16,509	<b>Close Focusing Device</b> #16,507, complete with Adapter #16,508 for use with lens unit of rigid 50mm Summicron .....	48.60



16,507



16,508

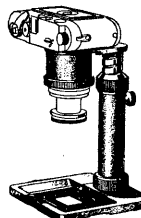
## COPY STANDS, FIXED RATIOS

The Auxiliary Reproduction Unit and the Universal Copying Stand are designed to do photographic copying work at various, fixed ratios of reproduction. Subject area is clearly delineated by each of the units and focus is determined by the use of appropriate extension tubes and

camera-height positions.

These close-up devices can also be used to photograph small objects, either in the studio or the field. Easily disassembled, they fit conveniently into a gadget bag for travel.

Catalog Number	Item	Retail Price
16,511	<b>Universal Copying Stand</b> for 1:1, 1:1.5, 1:2, and 1:3 ratios. Adjustable in height with bracket for camera. Complete with 4 extension tubes, 3 field masks, 5X magnifier with ground glass housing to check focus. Accepts any bayonet-mounting or screw-mounting Leica and any 50mm Leica lens .....	\$78.00
16,526	<b>Auxiliary Reproduction Unit</b> , bayonet-mounting, for bayonet-mounting Leica cameras. Accepts bayonet-mounting collapsible 50mm lenses, screw-mounting collapsible 50mm Summicron and Elmar f/2.8 and with adapter #16,508 the lens unit of the rigid or Dual-Range Summicron. Ratios of reproduction 1:4, 1:6 and 1:9 areas covered 4 1/8" x 5 3/4", 5 3/4" x 8 1/4" and 8 1/4" x 11 1/8" .....	52.50



16,511



16,526

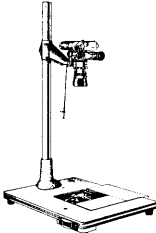
# COPY STANDS, VARIABLE RATIOS

Ordinary close-up work can be done from a regular or a table top tripod. But copying work, either in quantity, or when exact ratios and areas of reproduction are involved, is best done from a copying stand.

A copy stand includes a sturdy base, an upright and a movable carrying arm which holds the camera exactly parallel to the baseboard. Variable ratios of reproduction are achieved by raising or lowering the camera on the upright.

Accessory carrying arms can be added to certain Leitz enlargers (after removing the enlarger head) to make excellent copy stands. Or, such copying stands may be purchased complete and used for enlarging later by adding an enlarger head.

For those who do a great deal of copy work, a special instrument is recommended — the Reprint Ila.



**Focomat 1c Copying Stand**  
(Including Carrying Arm)

## FOCOMAT 1c COPYING STAND

<i>Catalog Number</i>	<i>Item</i>	<i>Retail Price</i>
17,619	<b>Focomat 1c Copying Stand</b> , standard, baseboard 16 x 21" and upright, 40mm diameter, 32" high.....	\$66.00
98,155	<b>Focomat 1c Copying Stand</b> , Special. Large baseboard 22 x 25", high upright 47", 40mm diameter.....	79.50
17,624	<b>Carrying Arm</b> for upright or Focomat 1c; converts enlarger to copying stand; supplied with angular alignment adapter; accepts Visoflex III or II (with adapter), Bellows II or I (without adapter), Rack and Pinion Fine Adjustment for Focoslide or Bellows (with adapter), or Focoslide (with adapter) .....	22.50

## VALOY II COPYING STAND

<i>Catalog Number</i>	<i>Item</i>	<i>Retail Price</i>
98,158	<b>Valoy II Copying Stand</b> , baseboard 15½" x 17¾", 32" upright with flange. Requires Adjustable Carrying Arm #16,748 and Adapter #16,601 to accept Focoslide for copying work .....	36.30
16,748	<b>Adjustable Carrying Arm</b> , self-locking, with quick-set finger release and rack-and-pinion fine adjustment. (Accepts Valoy II enlarger head #17,503, Focoslide with adapter #16,601 or Bellows Focusing Device with adapters #16,601 and #16,600.) .....	18.00
16,601	<b>Adapter</b> for mounting Focoslide on Carrying Arm #16,748 .....	10.80
16,600	<b>Adapter Plate</b> fitting Bellows I to Carrying Arm #16,748 .....	6.30
17,503	<b>Valoy II Enlarger Head</b> ; complete with negative carrier and bulb. (Converts Valoy II Copying stand to enlarger) .....	89.70
16,564	<b>Rack and Pinion</b> fine adjustment for Focoslide.....	39.00



16,748



16,601

# REPROVIT IIa

The Reprovit IIa is a universal copying tool, suitable for very nearly any kind of photographic reproduction work in quantity. Yet, despite its remarkable adaptability, sophistication and precision, it is so simple to use that even beginners produce high-quality work quickly and accurately with it.

The Reprovit IIa features:

- Continuous focusing range providing ratios of from 1:19 (18" x 27") to 1:1 (1" x 1½")
- Electrically-controlled exposures to 60 sec.

- Electro-magnetic shutter release to eliminate vibration
- Four-lamp illumination for even, glare-free subject lighting
- Exact outlining of subject area by illuminated rectangle
- Special accessories available, such as framing boxes for copying thick originals (books), special lenses and carrying stages to produce magnified images of small originals (transparencies), etc.

## REPROVIT IIa

Catalog  
Number

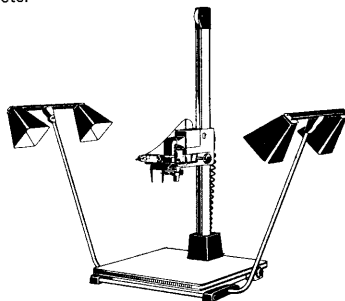
Item

16,789

**Reprovit IIa Reproduction Outfit** for "M" series Leica cameras. For recording both flat originals, either opaque or transparent, and solid objects at reproduction ratios of from 1:19 to 1:1, using the 50mm Repro Focotar lens. Consists of copying stand, focusing stage with bellows and rack-and-pinion adjustment, diaphragm lever and operating guide, projection head with electromagnetic camera release, automatic electric interval timer, four-lamp illuminator, 50mm Repro Focotar f/4.5 lens, and line cord. For 110v A.C. operation only .....

Retail  
Price

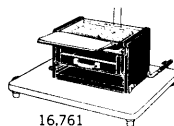
\$975.00



Reprovit IIa

## ACCESSORIES AND PARTS

16,786	<b>Small-Object Stage</b> for copying 35mm transparencies and other small originals at ratios of 1:1 or at magnification .....	36.00
16,761	<b>Framing Box</b> (11½" x 16½") with clamping device for Reprovit IIa. Books and other material up to 5 inches thick are held flat against the glass top .....	110.00
16,763	<b>Illuminating Box</b> (14" x 16") for trans-illumination of material being photographed. A milk glass plate evenly diffuses the light from two 20 watt G.E. fluorescent tubes .....	100.00
16,797	<b>Line Cord</b> , 78" long, with push-switch, to connect Illuminating Box #16,763 to power outlet .....	6.00
16,780	<b>24mm Micro Summar</b> f/4.5 with adapter for Reprovit IIa. Magnification up to 6.5x are possible .....	94.00
16,781	<b>Repro 50mm Focotar</b> with click stops (Especially corrected for close distance.) Supplied with Reprovit IIa .....	57.00
98,211	<b>Four-Lamp Illuminator</b> with self-adjusting anti-reflection curtains. Used to illuminate opaque copy. Supplied with Reprovit IIa #16,789 .....	162.00
16,675	<b>Extension Ring</b> for converting Focotar lens which is supplied with Reprovit IIa to Focotar lens #17,581 for use with Valoy and Focomat Ic enlargers .....	1.50
98,210	<b>Fluorescent Tube</b> , 24" General Electric 20 Watt F20 T12/WWX for #16,763 .....	1.15



16,761



16,763



16,780

The Focoslide is a versatile copying and close-up accessory which can be used in the studio on a copying stand or on a tripod for field work.

The Focoslide accepts Leica "M" cameras on its sliding platform, and provides a groundglass screen which is in the same plane as the film.

The lens is mounted below the groundglass, the subject focused and framed. For the exposure, the sliding platform brings the camera into position over the lens.

Extension tubes and adapters increase the versatility of the Focoslide still further.



16,680

## FOCOSLIDE EQUIPMENT

<i>Catalog Number</i>	<i>Item</i>	<i>Retail Price</i>
16,680	<b>Focoslide</b> accepting all bayonet-mounting Leicas ....	\$75.00

## FOCOMOUNTS

(Focusing lens mounts for the Focoslide.  
All are adjustable through a range of 22mm)



16,685

<i>Catalog Number</i>	<i>Item</i>	<i>Retail Price</i>
16,608	<b>Focomount</b> for screw or bayonet-mounting 50mm Elmar f/2.8 or bayonet-mounting 50mm Elmar f/3.5, adjustable through a range of 1:1.25-1:2 (with Extension Tube N 1:1.7-1:1) .....	21.00
16,688	<b>Focomount</b> with standard Leica thread 39mm-1, accepting 50mm Focotar f/4.5 lens, adjustable through a range of infinity - 1:2.5 (with Extension Tube N 1:2.2-1:1.1) .....	21.00
16,685	<b>Focomount</b> for lens unit of the bayonet-mounting Dual-Range or rigid 50mm Summicron lenses, 1:60-1:2.2 (with Extension Tube N 1:1.9-1:1.1) .....	21.00
16,781	<b>Repro 50mm Focotar f/4.5</b> lens with click stops. (Especially corrected for close distances) .....	57.00
17,675	<b>Extension Ring</b> for converting Focotar lens #16,781 to Focotar lens #17,581 for use with Valoy and Focomat Ic enlargers .....	1.50

# FOCOSLIDE ACCESSORIES

## EXTENSION TUBES AND SUPPLEMENTAL EQUIPMENT FOR FOCOMOUNTS #16,608, #16,688, #16,685 AND NON CURRENT MODEL #16,609

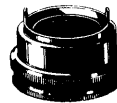
Catalog Number	Item	Retail Price
16,689	<b>Repro Extension Tube N.</b> 26mm, with 51mm-1 thread, fits between Focoslide and Focomount. Use multiple combination of this tube to obtain magnification higher than indicated in Focomount listing above ....	\$4.50
(The following tubes have a standard 39-1mm Leica thread but can be used on Focomount #16,688 with Repro Tube #16,615)		
16,635	<b>Extension Tube B</b> (7mm) .....	4.20
16,640	<b>Extension Tube F</b> (15mm) .....	4.50
16,615	<b>Repro Extension Tube</b> (26mm) for Focomounts .....	4.80
16,645	<b>Extension Tube G</b> (30mm) .....	4.80
16,646	<b>Extension Tube</b> (45mm) .....	6.00
16,647	<b>Extension Tube</b> (60mm) .....	6.60
16,648	<b>Extension Tube</b> (90mm) .....	7.80
16,622	<b>Diaphragm Adjusting Ring</b> for 50mm Elmar f/2.8.....	12.00
16,686	<b>Diaphragm Adjusting Ring</b> for lens unit of 50mm Summicron f/2 rigid or Dual-Range .....	12.00
16,614	<b>Filter Adapter Ring</b> , permits use of 36.5mm screw-in filters on 50mm Summicron lens unit or 50mm Elmar f/2.8 lenses with Diaphragm Adjusting Ring in position .....	3.00
16,601	<b>Adapter</b> for mounting Focoslide on carrying arm of Valoy II enlarger .....	10.80



16,689



16,615



16,686



16,601

## FOCUSING MAGNIFIERS

Catalog Number	Item	Retail Price
16,486	<b>Wide-Field Magnifier</b> (5X) (Also fits Visoflex I) .....	22.50
16,487	<b>Wide-Field 45° Magnifier</b> (4X). (Does not fit discontinued Focoslide for screw-mounting Leicas).....	54.00



16,486



16,487

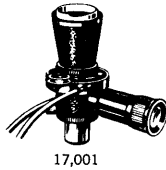
# PHOTOMICROGRAPHY WITH THE MICRO IBSO

The Micro Ibsor attachment makes it simple and convenient to use the Leica for photomicrography. With this precision device, the Leica offers many advantages – among them; film economy, short exposures, and the ability to observe the specimen while the equipment is in place on the microscope and even while making the actual exposure.

The Micro Ibsor replaces the lens on your Leica. The attachment and camera are then connected to the draw-tube of any standard microscope. The Micro Ibsor has its own "X"-synchronized Ibsor shutter (1 to 1/125th, "T" and "B") to

eliminate vibration at high magnifications and comes with a 10X PERIPLAN ocular. The swing-out prism passes 40% of the light through the viewing telescope, which is focused on cross hairs for your individual eyesight. When the image is in focus on the groundglass of the Micro Ibsor, it is also sharp in the film plane of the camera.

The interchangeable conical tube of the Micro Ibsor has a correction lens with a magnifying factor of 1/3X or 1/2X. These produce a magnification on the film that is 1/3rd or 1/2 that seen by the eye through the microscope.



17,001



17,026

*Catalog Number*

17,001

17,006

17,026

17,033

## MICRO-IBSOR

*Item*

*Retail Price*

<b>Micro Ibsor</b> with bayonet-mounting 1/3X conical correction tube and two cable releases .....	\$146.00
<b>Micro Ibsor</b> with bayonet-mounting 1/2X conical correction tube and two cable releases .....	150.00
<b>Interchangeable Conical Tube (1/3X)</b> , with bayonet mount, for Micro Ibsor .....	20.00
<b>Interchangeable Conical Tube (1/2X)</b> , with bayonet mount, for Micro Ibsor .....	24.00

## ACCESSORIES FOR PHOTOMICROGRAPHY

*Catalog Number*

14,067

17,015

17,020

17,010

*Item*

*Retail Price*

<b>Cable Release</b> (10 inches) with locking screw for bayonet-mounting models .....	1.50
<b>Cable Release</b> with set-screw for operating prism. (As replacement) .....	2.80
<b>Cable Release</b> without set-screw for operating Ibsor shutter. (As replacement) .....	2.40
<b>Double Release</b> fitting cable releases of Micro Ibsor Attachment. Simultaneously operates shutter and swing-out prism .....	12.80

# RATIOS • AREAS COVERED • DEPTH OF FIELD • EXPOSURE FACTORS

(Based on 24 x 36 mm Leica Format)

RATIO	ENGLISH SYSTEM						METRIC SYSTEM						EXPOSURE FACTOR
	Area in Inches	Total Depth of Field in Inches					Area in mm	Total Depth of Field in Millimeters					
		f/4	f/5.6	f/8	f/11	f/16		f/4	f/5.6	f/8	f/11	f/16	
1:20	18.9 x 28.4	4.41	6.18	8.85	12.1	17.7	480 x 720	112.0	156.8	224.0	308.0	448.0	1.1 X
1:18	17 x 25.5	3.59	5.05	7.17	9.94	14.4	432 x 648	91.2	127.7	182.4	250.8	364.8	1.1 X
1:17	16.2 x 24.2	3.22	4.50	6.43	8.85	12.8	408 x 612	81.6	114.2	163.2	224.4	326.4	1.1 X
1:16	15.1 x 22.6	2.86	4.02	5.72	7.90	11.4	384 x 576	72.5	101.6	145.1	199.5	290.1	1.1 X
1:15	14.2 x 21.3	2.52	3.53	5.05	6.95	10.1	360 x 540	64.0	89.6	128.0	176.0	256.0	1.1 X
1:14	13.2 x 19.8	2.21	3.09	4.41	6.08	8.84	336 x 504	56.0	78.4	112.0	154.0	224.0	1.1 X
1:13	12.3 x 18.5	1.91	2.68	3.83	5.28	7.66	312 x 468	48.5	68.0	97.1	133.5	194.1	1.2 X
1:12	11.3 x 16.9	1.64	2.30	3.28	4.50	6.55	288 x 432	41.6	58.2	83.2	114.4	166.4	1.2 X
1:11	10.4 x 15.6	1.39	1.94	2.77	3.82	5.56	264 x 396	35.2	49.3	70.4	96.8	140.8	1.2 X
1:10	9.45 x 14.2	1.15	1.62	2.32	3.18	4.62	240 x 360	29.3	41.1	58.7	80.7	117.3	1.2 X
1:9	8.51 x 12.8	0.945	1.32	1.89	2.60	3.78	216 x 324	24.0	33.6	48.0	66.0	96.0	1.2 X
1:8	7.56 x 11.3	0.758	1.06	1.51	2.08	3.03	192 x 288	19.2	26.9	38.4	52.8	76.8	1.3 X
1:7	6.61 x 9.92	0.588	0.825	1.18	1.62	2.36	168 x 252	14.9	20.9	29.9	41.1	59.7	1.3 X
1:6	5.66 x 8.51	0.441	0.620	0.885	1.21	1.77	144 x 216	11.2	15.7	22.4	30.8	44.8	1.4 X
1:5	4.72 x 7.09	0.315	0.440	0.632	0.867	1.26	120 x 180	8.0	11.2	16.0	22.0	32.0	1.4 X
1:4	3.78 x 5.66	0.209	0.296	0.422	0.580	0.840	96 x 144	5.3	7.5	10.7	14.7	21.3	1.6 X
1:3	2.84 x 4.26	0.126	0.178	0.252	0.347	0.505	72 x 108	3.2	4.5	6.4	8.8	12.8	1.8 X
1:2	1.89 x 2.84	0.063	0.087	0.126	0.173	0.252	48 x 72	1.6	2.2	3.2	4.4	6.4	2.3 X
1:1.5	1.42 x 2.13	0.039	0.055	0.079	0.110	0.158	36 x 54	1.0	1.4	2.0	2.8	4.0	2.8 X
1:1.33	1.26 x 1.89	0.031	0.047	0.067	0.091	0.134	32 x 48	0.8	1.2	1.7	2.3	3.3	3.1 X
1:1	0.945 x 1.42	0.020	0.031	0.043	0.059	0.083	24 x 36	0.5	0.8	1.1	1.5	2.1	4 X
1.5:1	0.630 x 0.945	0.012	0.016	0.023	0.032	0.047	16 x 24	0.30	0.41	0.59	0.81	1.19	6 X
2:1	0.472 x 0.709	0.008	0.011	0.016	0.022	0.032	12 x 18	0.20	0.28	0.40	0.55	0.80	9 X
3:1	0.314 x 0.472	0.005	0.007	0.010	0.013	0.018	8 x 12	0.12	0.17	0.24	0.33	0.47	16 X
4:1	0.236 x 0.354	0.003	0.005	0.007	0.009	0.013	6 x 9	0.08	0.12	0.17	0.23	0.33	25 X
5:1	0.189 x 0.284	0.002	0.004	0.005	0.007	0.010	4.8 x 7.2	0.06	0.09	0.13	0.18	0.26	36 X
6:1	0.158 x 0.237	0.002	0.003	0.004	0.006	0.008	4.0 x 6.0	0.05	0.07	0.10	0.14	0.21	49 X
6.5:1	0.145 x 0.217	0.002	0.003	0.004	0.005	0.007	3.7 x 5.5	0.05	0.07	0.09	0.13	0.19	56 X
7:1	0.135 x 0.202	0.002	0.002	0.004	0.005	0.007	3.4 x 5.1	0.04	0.06	0.09	0.12	0.17	64 X
8:1	0.118 x 0.177	0.002	0.002	0.003	0.004	0.006	3.0 x 4.5	0.04	0.05	0.08	0.10	0.15	81 X
9:1	0.105 x 0.158	0.001	0.002	0.003	0.004	0.005	2.7 x 4.0	0.03	0.05	0.07	0.09	0.13	100 X
10:1	0.094 x 0.142	0.001	0.001	0.002	0.003	0.005	2.4 x 3.6	0.03	0.04	0.06	0.08	0.12	121 X
Circle of confusion = 1/750 inch							Circle of confusion = 1/30 mm						