



Cover picture:
—LEICAphoto by Ivan Dmitri—

Oskar Barnack, the man who created the LEICA Self-portrait with f:4.5 135 mm. lens at 6 ft distance,  $\frac{1}{2}$  sec. at full aperture.

# LEICA

# THE CAMERA OF MODERN TIMES

# THE ORIGINAL AUTOFOCAL CANDID CAMERA

# THE ULTRA-MODERN CAMERA

The LEICA camera, which was presented to the world shortly after the World War, is to-day Number One camera of our modern times. It was in its origin, and still is to-day, far ahead of the times, and therefore considered the Ultra-Modern photographic instrument of to-day.

Many thousands of LEICAS are in active use in every part of the world and in the most diversified types of photographic activities. The LEICA is not merely a "camera"—it is far more than that, and this is proved by the acclaim it has been accorded since its introduction.

Because LEICA is unique it has greatly widened the scope of photography as a hobby. The camera is so compact that the problem of bulk is eliminated. It can be slipped into the pocket and therefore taken along on all occasions. In addition, LEICA frees the amateur photographer of many restrictions, such as the necessity of posing subjects in bright light. It can make pictures of fast moving objects, subjects in deep shade, and even pictures at night.

Travelers, lecturers, news photographers, radio and screen stars, scientists, doctors, professors, engineers, and a host of other outstanding professional men and women select the LEICA as their personal camera not only for hobby purposes, but also for research and technical fields in which they are interested. Why?

Because the LEICA is the only camera which can perform successfully over such a wide range of activities. Indeed, there is good reason to consider the LEICA more than just a camera in the strict sense of the word.

Sooner or later YOU will own a LEICA—it will be your next camera, for as time goes on you will come to recognize its superior advantages.

## FIRST IMPRESSIONS

The first impression given by the LEICA is that it is truly an aristocrat among cameras. Its very appearance is that of a thoroughbred—beautifully streamlined body of smooth, satiny chrome or black lacquer, faced with a special rubberoid composition which withstands all wear and the elements indefinitely, and looks like leather. The knurled control knobs are conveniently situated for easy and speedy operation. Rounded corners make the camera fit snuggly into the hands when in use. The noble-looking lens—a real aristocrat—mounted in a smart-looking chromium finished lens mount, completes the picture. But this is only a brief word-picture, and cannot even attempt to describe the true beauty of the LEICA. It must be seen to be fully appreciated. You will be most favorably impressed even with your first glance.

While the first impression you get of the LEICA will be more than favorable, it will be interesting to know more about it. You will want to know, for example, that the model G LEICA boasts of an extremely wide range of shutter speeds from I full second to I/I,000th of a second—speeds to more than accommodate every possible photographic condition which is likely to arise. The shutter, made of a special rubberized cloth material, withstands all climates, wears indefinitely, does not produce "flare" at the higher speeds, and is practically silent in operation. It is indeed a triumph of camera manufacture.

# POINTS TO REMEMBER ABOUT THE

- The size of the LEICA overall is: 11/8 x 21/8 x 51/4 in. Small enough to be carried inconspicuously in the pocket or hand-bag.
- Weight, complete, abt. 18 oz. (Models D, F or G with 50 mm. ELMAR lens).
- Shutter speeds: Controlled by only two dials, conveniently situated. Regular speed dial on top of camera indicates speeds from 1/20 to 1/500th (1/1000th on model G) second. Slow speed dial on front of camera indicates speeds from 1 to 1/20th second.
- All-metal construction assures freedom from warping and breaking a special alloy sees to it that the LEICA is as rugged as it is practical, yet as precision-made as the finest watch.
- Automatic focusing range finder:
   The Autofocal feature of the automatic focusing range finder, which is built into the LEICA, means sharp, crispy-clear pictures every time. Each LEICA lens couples automatically with this device and assures freedom from fuzzy results.











- The interchangeability of lenses: makes the LEICA instantly suitable for every kind of photography, a highly-important feature. All lenses are standardized and screw into the LEICA lens mount interchangeably and positively. The screw-thread type of fitting was chosen after long consideration of bayonet and other types. Long-wear, positive action, and complete satisfaction are assured by the screw-thread mount, hence chosen for the LEICA. Two or three different cameras of conventional type would be required to do the work a single LEICA is capable of when equipped with a few accessories and interchangeable LEICA lenses. Besides, the LEICA operates far more economically.
- Simplicity: the key-note of the LEICA. The design of the camera permits loading with the greatest of ease. You can't load the LEICA in any but the right way. Focusing the LEICA is almost automatic, and winding the shutter as well as transporting the film is accomplished by the turn of a single knob.
- The film material: used in the LEICA is the standard 35mm motion picture film stock, obtainable all over the world. The LEICA does not make movies, but individual negatives I x II/2 in. Up to thirty six exposures can be made with one loading. Standard 35mm film is to be had in a great variety of types of emulsion, hence opens up new avenues to LEICA owners, particularly those in specialized fields where special emulsions are demanded. Film material for the LEICA is put up in daylight loading and unloading cartridges, making it very easy for the LEICA owner to load and unload his camera. Film is likewise obtainable in bulk, viz. 30, 50, and 100-ft. rolls which can be cut into short sections for the LEICA in the darkroom. Because motion picture film is so inexpensive, the LEICA owner can effect great economies.



—The LEICA stops fast action— LEICAphoto by Gerhardt Otto Goller.

- Handling the LEICA: a positive pleasure. The simplicity with which the controls work, plus their smooth, positive action are real treats, especially to those who have used other cameras and can therefore make comparisons. The shape of the camera proper permits the LEICA to nestle comfortably and steadily in the hands. Pictures can be made almost as quickly as the mind conceives them, without removing the LEICA from its operating position in front of the eyes.
- Accessories: play an important part, and it can easily be understood that the more than four-hundred accessories for the LEICA make it possible for it to be used in every photographic field. This does not mean that the LEICA owner willl require all or even part of these many accessories, for a LEICA and one lens will be entirely satisfactory generally.

Additional equipment is essential, however, for all those who desire to delve into various specialized photographic activities. Sooner or later, the LEICA owner will find his work made more enjoyable by the addition of another lens or two, several filters, a sunshade, exposure meter, developing tank, enlarger, etc. More about accessories will be found further on in this booklet.

#### INEXPENSIVE PHOTOGRAPHY

Everywhere in the world economy is an important factor, and this brings up a most interesting fact about the LEICA. LEICA photography is extremely inexpensive, for the small 35mm cinema film which is used costs but very little. Depending upon whether cartridges or bulk film is used, each negative costs only between 1/2 and 2 cents! Surely this is little enough to pay for a picture which may bring joy for years to come, or be a record of some monumental engineering or surgical task.

Some may point to the initial cost of the LEICA. But actually the initial cost is moderate when one considers the infinite workmanship and precision which goes into its manufacture. The LEICA is made by the world-famous Ernst Leitz Optical Works, makers of the finest microscopes and similar optical instruments. Surely quality is never sacrificed here for any consideration, and for this reason you get in the LEICA the most accurate, finest, and highly dependable photographic apparatus in the world. Once you own a LEICA, subsequent expenses cease to matter. Operation costs are nothing as compared with those of the more conventional cameras. So it pays in the end to invest a little more on the camera in order to enjoy real economy in operation.

# DIFFICULT PHOTOGRAPHY MADE EASY

Certain types of photography are usually referred to as being "difficult". Pictures at night, of the stage show, the movie screen, in court-rooms, night clubs, photomicrography, stereo photography, aerial photography—these are usually conceded to be "difficult". They are—for the average camera, but not for the



1. Taking a bow—by June Bershad. . . . 2. Eleanor Powell in "Broadway Melody"—by Tom Evans, M. G. M. Studios. . . . 3. Radio Singer—by Rudolf H. Hoffmann. . . . 4. A scene from "Jumbo"—by Hans Kloss. . . . 5. Jack Benny at the microphone—by Tom Evans, M. G. M. Studios. . . . 6. Elephant trainer; scene from "Jumbo"—by Hans Kloss. . . . 7. Taken at "All the King's Horses"—by Lester-Pickett. . . . 8. Another study of Eleanor Powell in "Broadway Melody"—by Tom Evans, M. G. M. Studios. . . . 9. Chorus girls—by W. D. Morgan.



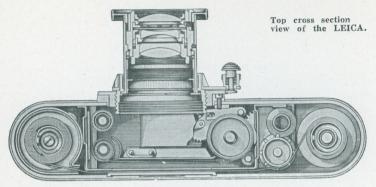
LEICA. The LEICA tackles the hardest job and accomplishes it not only with great success but with ease. That is another reason why the LEICA has become famous throughout the entire world—it is capable of doing things which are ''difficult'' with other cameras. With the LEICA, the word ''difficult'' is completely removed from all forms of photography.

Candid photography, admittedly one of the most thrilling and at the same time "tricky" forms of photography, is made simple by the use of a LEICA camera. In fact the LEICA'S superiority in this field has won for it the nick-name of "Cat's Eye LEICA". Many often refer to the LEICA as merely "the candid camera"—high praise indeed.

# EASE OF OPERATION

Whoever owns a LEICA for the first time is amazed at its simple operation. Because it is capable of such a wide variety of accomplishments, many seem to think that it necessarily follows that the camera must be difficult to handle and operate. Simplicity is the key-note of the LEICA, and by the very virtue of this simplicity, it is enabled to perform the wonders which have made it justly famous throughout the entire world. Even a child can learn to operate a LEICA successfully after a few minutes of instruction.

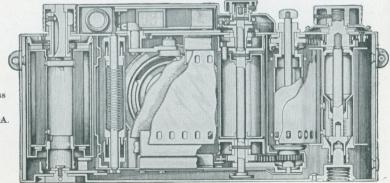
LEICA'S simplicity enables many single exposures to be made in rapid succession. (This is further augmented through the use of a special accessory, known as the Rapid Winder). News photographers are loud in their praise of this feature which permits them to make a series of sequence shots in a matter of seconds. News cameramen have covered an action assignment with several dozens of excellent negatives where their co-workers, equipped with the conventional news camera, have come back with only a few negatives. The advantage of being able to select from many pictures over only a few is so obvious that newspapers are rapidly equipping their photographic departments with LEICAS.



# MECHANISM OF THE LEICA

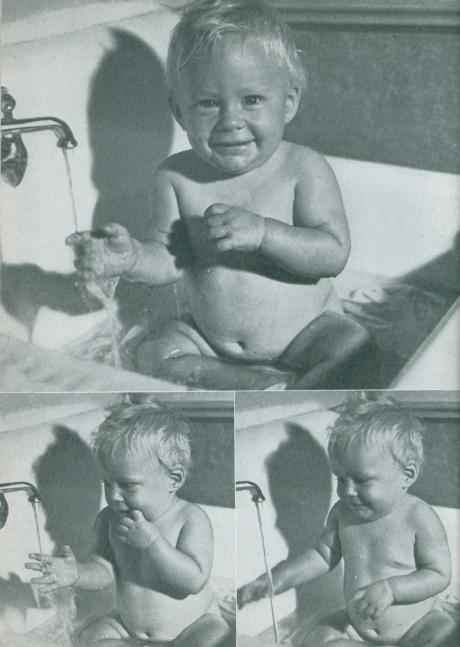
One need not be an engineer to appreciate the precision with which the parts of the LEICA are made and assembled. Each part is made of the best materials, carefully measured and fitted, resulting in a mechanism which is above reproach. Because such care is taken in the manufacture and assembly of the LEICA, it will last a life-time with only ordinary care.

In spite of the precision of the camera, it is designed to withstand rough usage. Its ruggedness is well-known to explorers and travelers who cannot always handle it with "kid gloves". Thus at one stroke precision and ruggedness, two most important features, are embodied in the LEICA.



Back cross section view of the LEICA.





Model G LEICA with f:2, 50mm SUMMAR lens.



# THE LEICA MODEL G

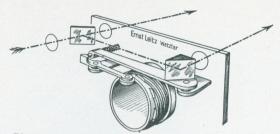
The model G LEICA represents the ultimate in miniature cameras. Flexibility such as this model incorporates is not to be found in any other camera! For instance, shutter speeds in the model G are: I full second, 1/2, 1/4, 1/8, 1/20, 1/30, 1/40, 1/60, 1/100, 1/200, 1/500, and 1/1,000th second. The slow range of speeds (from I to 1/8th sec.) permits a continuous range of speeds; for example 1/6 of a second exposure can be secured by setting the dial between the 1/4 and 1/8 marks. Thus most any desired speed can accurately be obtained in the slow range of speeds.

Each of the LEICA shutter speeds was determined only after careful thought and consideration. Each is a most important speed and has its definite place in photography. The standard speeds (1/20 to 1/1,000) are controlled by a shutter indicator dial located on the top of the LEICA camera, while the slow range speeds (1 to 1/20) are controlled by a secondary dial situated on the front of the camera adjacent to the lens and close to the top (see illustration). With the two speed dials the slow and fast shutter speeds are definitely separated simplifying the change from one speed to another. In fact, it is so simple that it can easily be done in the dark.

The LEICA focal plane shutter travels horizontally from right to left (shutter release button to rewind knob) so that fast subjects moving in the same direction are more effectively "stopped", and with freedom from distortion. If the subject is traveling from left to right with such excessive speed that there is danger of blurring, the camera can be held upside down so as to cause the shutter to travel from left to right, thereby "stopping" the action.

The focal shutter of the LEICA is remarkably quiet, which is very important in candid photography, since the subject will not easily become aware of the presence of the photographer. News, candid, stage, clinical, animal and nature photographers especially will find this a most useful feature of the LEICA.





Diagrammatical view of the LEICA built-in range finder.

The famous built-in Autofocal range finder is worthy of some consideration. In the model G LEICA it is at its height of perfection. Basically, the device is designed on the principle of coincidence, in which a double image of the object to be photographed is seen. As the lens is focused, the twin images either separate or come together. When they are in perfect coincidence the lens is in perfect, sharp focus. A collar, which is part of each LEICA lens, fits against a tiny roller which in turn actuates the prism of the range finder. The coupling between lens and range finder is completely automatic and the owner of the LEICA need not even think about it when changing lenses. The field seen in the range finder is considerably enlarged, being magnified by a 11/2X magnifier. The twin images are therefore clearly seen, even in unfavorable light. As some individuals like to have strong contrast, especially in brilliant sunlight, a special orange-red filter which fits over one of the range finder ports and imparts a deep color to one of the twin images, is available at extra cost. This is an accessory, desirable but not absolutely necessary. The accompanying schematic sketch shows clearly the entire range finder assembly and its method of operation.

Eyelets are built into the body of the camera at each top end which accommodate snap-hooks which in turn are attached to the special neck-strap supplied. This strap makes it possible to carry the camera suspended from either the neck or shoulder, leaving both hands free. A ten inch wire cable release is also supplied.

Briefly, the model G LEICA has everything with which to produce the finest of photographs. It is the most advanced and desirable camera in the entire camera field. We know that you will agree with this statement after you have examined it at your local photographic store.

LEICA in focus . . . Large brilliant image seen in extremely accurate LEICA short base range finder.





LEICA out of focus . . . Double image is conveniently within the LEICA range finder field of view.

## THE LEICA MODEL F

The model F LEICA is very similar to the model G excepting that it lacks the I/I,000th of a second shutter speed. It is available in black lacquer as well as chrome finish. Aside from these two differences, what has been said about the model G applies equally well to the model F LEICA.





Model D LEICA with f:3.5 50mm ELMAR lens.

## THE LEICA MODEL D

The model D LEICA is basically the same as the models F and G, but lacks a few of the latters' refinements. For instance, the model D's range of shutter speeds is from 1/20 to 1/500th of a second only. The range finder does not possess the 11/2X magnifier in the eyepiece. For those who do not require the slow and extremely fast shutter speeds, the model D makes an ideal camera.



— Catch every fleeting expression with the LEICA — LEICAphoto by Julien Bryan.





Model E LEICA with f:3.5, 50mm ELMAR lens.

#### THE LEICA MODEL E

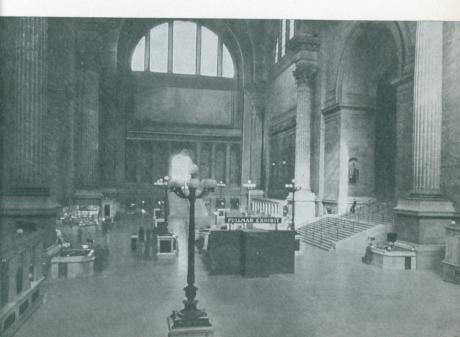
The model E LEICA is often referred to as the "basic LEICA". It lacks some refinements, such as the built-in Autofocal range finder, slow and high shutter speeds, and neck-strap eyelets. A detachable horizontal range finder, however, is supplied. All LEICA models so far considered are basically the same in size, design, workmanship, and operation.

The model E LEICA is preferred by those who give first consideration to price or wish to use a camera exclusively for copying work and photomicrography where the range finder and wide selection of shutter speeds are not needed. The model E is of course standard in every respect, and therefore accommodates all LEICA lenses, filters, and other LEICA accessories.

This model makes a strong appeal to the amateur who does not care to invest in a model D, F, or G at the present moment, but who at the same time does not wish to accept any substitute for genuine LEICA photography. Of especial interest to these is the fact that the model E may at any time be converted to the model D, F or G thus modernizing the original "basic" LEICA. Here is a revolutionary idea which was originated by the manufacturers of

the LEICA and which has proved a great success. Imagine, for example, your buying a four cylinder car and later on converting it into an eight cylinder—that is exactly what LEICA offers you when you purchase the model E, or D, respectively. The soundness of the basic principles of the LEICA make this possible, and it is definite proof of the genius and engineering skill which stands in back of it.

No matter which model LEICA you finally decide upon, be it the model G, F, D, or E, you are assured of the same standard quality, precision, and workmanship. No efforts are spared to make all models the finest cameras available, regardless of price.



#### LEICA LENSES

The amazing battery of lenses for the LEICA is a chapter in itself. The HEKTOR 28mm, THAMBAR 90mm and TELYT 200mm lenses are discussed in separate pamphlets which may be had upon request. There is a LEICA lens for each and every photographic purpose, as will be noted in the following list of lenses:

Lens	Focal Length	Max. Speed	Angle of View	Purpose
Hektor	28mm	f:6.3	76°	(extreme wide-angle
50,290				photography
Elmar	35mm	3.5	65°	(normal wide-angle
50,310				photography
Elmar	50mm	3.5	48°	(standard "all-purpose"
50,320				photography
Hektor	50mm	2.5	48°	sport and action
50,350				) photography
Summar	50mm	2	48°	candid, night, and
50,360				general photography
Xenon	50mm	1.5	48°	super-speed for
50,365				night-candid photography
Hektor	73mm	1.9	34°	∫ultra-speed and
50,390				night-candid photography
Elmar	90mm	4	27°	aerial, sport and portraiture
50,410				
Thambar	90mm	2.2	27°	Spictorial, portraiture, and
50,415				long focus photography
Elmar	105mm	6.3	24°	∫light weight lens for
50,430				distance photography
Hektor	135mm	4.5	190	long range photography
50,460				
Hektor	135mm			upled, same as above, but for
50,540				reflex mirror focusing device
Telyt	200mm	4.5	12°	Sextreme distance
50,520				(photography
22				

22



The Battery of Thirteen LEICA Lenses.





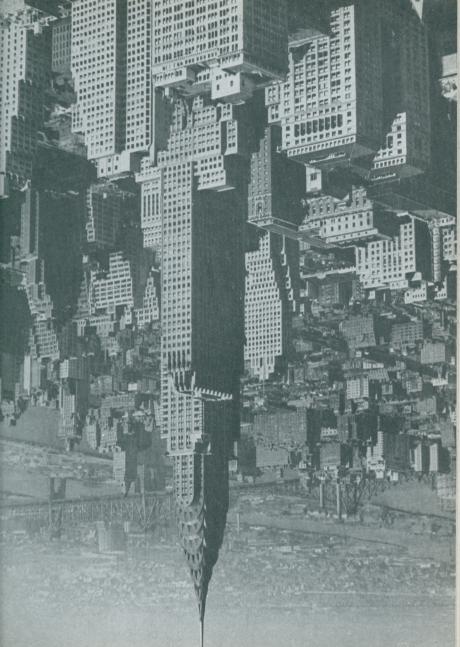
It will be apparent that with this wide selection of optics, no form of photography need be considered impossible or even difficult. It is likewise obvious that the LEICA owner doesn't need this complete battery of lenses—the selection is available to him so that for special requirements he can pick out one or more that will suit the work he contemplates. The average amateur who uses his LEICA only for routine work will usually find one lens entirely satisfactory.

The ELMAR 50mm f:3.5, HEKTOR 50mm f:2.5 and SUMMAR 50mm f:2 lenses are recommended as all around purpose lenses and the XENON particularly when high speed is likewise a desirable feature of consideration.

All LEICA lenses are engraved with a depth of focus scale which is invaluable to all users as it tells them at a glance the extent of the depth of focus the lens produces at any given diaphragm stop. All lenses (except TELYT) are fitted in focusing mounts which automatically couple with the built-in range finder of the models G, F, and D LEICAS.

The ELMAR, HEKTOR, and SUMMAR 50mm lenses are supplied in collapsible mounts which permit them to be slid into the camerabody when not in use, thus making the camera extremely compact for carrying.





#### LEICA ACCESSORIES

As has been previously pointed out, many accessories for the LEICA are available. The average LEICA owner, however, will require only a few of the more important ones for general photographic purposes. A list of these is as follows:

Sunshade
Filters
Exposure-meter
Eveready carrying case
Developing tank
Enlarger
Paper easel

These few accessories will be of great value to the LEICA owner whose activities are mainly general "snapshooting".

Those who wish to become more ambitious in their LEICA-ING are referred to additional accessories which provide a greater versatility of application for the LEICA, viz.:

Panorama device (for making panorama pictures)

Stereoly device (for making true stereoscopic pictures)

Remote shutter control (for animal, nature, and candid pictures secured with the operator at a distance from the camera)

Rapid winder (for news, sport, candid, and other pictures where a sequence of many pictures of a subject in rapid succession is wanted)

Distance lenses such as ELMAR 105mm, HEKTOR 135mm, or TELYT 200mm (for distance photography, candid pictures, out-of-doors, etc.)

View finders (for indicating the fields of the various focal length lenses)

Photoflash attachments (for snapshots in unfavorable light)
Projectors (for lectures and home use)

There are many ramifications not mentioned in this booklet. Interested persons desiring additional information about the use of the LEICA and any of its numerous accessories can secure complete information by writing to the Service Department, E. Leitz, Inc., 730 Fifth Avenue, New York City.

A few of the most popular LEICA accessories are described here:



No. 51,790

Sunshade: A most useful device, which should be owned by every LEICA user because it prevents stray light from entering the lens during exposure. The best results are obtained with a LEICA sunshade on the lens. Several models are available, each for a distinct purpose and lens. Be sure to get the right sunshade for your LEICA.

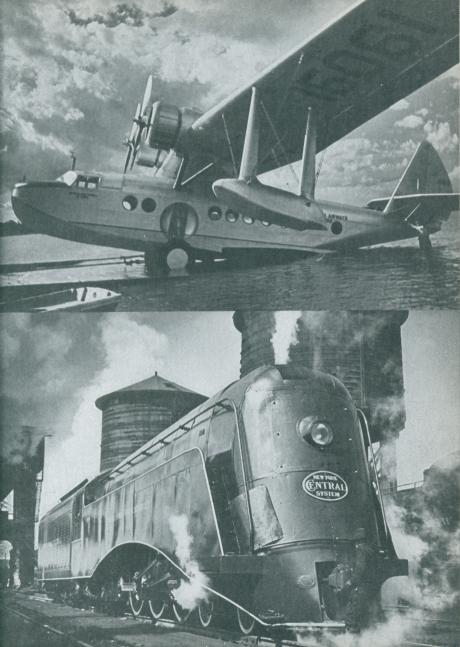


No. 51,110



No. 51.020

Filters: A few well-chosen LEICA filters will make all the difference in your photographs. For bringing in cloud formations, producing night effects, and securing correct color and tonal values, a filter is necessary. The LEICA yellow filter No. I is usually regarded as the general-purpose filter for both ortho and pan film. This filter should be the first the beginner buys for his LEICA.





No. 51,505

**Exposure meter:** Without correct exposures your LEICA pictures can never be complelely successful. Make sure of the quality of your negatives by using a Weston LEICAMETER exposure meter. Small, compact, extremely accurate, and durable, the LEICAMETER frees you from all worry about exposure problems.



No. 53.010

Carrying Case: The LEICA owner is justly proud of the appearance of his LEICA, and therefore keeps, carries, and uses it in the popular Eveready case. The popularity of this type of case lies in the fact that the camera need not be removed for use—the cover and front merely open up, permitting the lens to project outward. The camera is gotten ready instantly when kept in an Eveready case. It is small—hardly larger than the camera itself—hence never in the way. Complete protection at all times is afforded the LEICA.



Developing Tank: Not until the LEICA owner does his own developing and enlarging can he know the delights of bringing his photographic activities through the various processes. He only then begins to fully understand the underlying principles involved, and as a result his work with the LEICA constantly improves, yielding a larger return in pleasure and contentment. Two developing tanks are supplied: the REELO, and the CORREX. Both are excellent, and the LEICA owner makes no mistake by securing

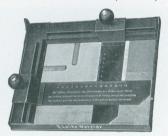




HALL OF ELEPHANTS—NEBRASKA STATE MUSEUM—A PANORAL How the picture was made . . . 50mm f:3.5 ELMAl DuPont Superior Film, Seven separate neg

Paper Easel: Because paper easels come in various sizes and styles, they are not sold as part of the enlarger unit. Listed separately,

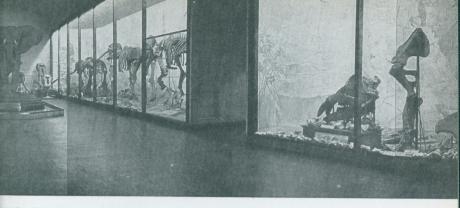
they enable the LEICA owner to make a suitable selection for his individual purposes. The LEICA paper easels are equipped with adjustable metal masking bands with which uniform white borders on the prints can be automatically obtained.



No. 61,310

Orange Filter: In enlarging it often becomes desirable to focus the projected image directly upon the sensitized paper on the paper easel. This cannot be done except with the aid of the special orange enlarging filter which attaches to the enlarger, and swings under the enlarger lens.

Note: Please refer to the catalog listing at the rear of this booklet or write for additional accessory literature.



LEICA PICTURE MADE BY DR. A. L. LUGN, LINCOLN, NEBRASKA.

IS with diaphragm set at f:12.5, 2 minutes exposure,

IS used to make the complete panorama view.

## LEICA INFORMATION SERVICE

LEICA PHOTOGRAPHY, the valuable and interesting monthly magazine which has done much to stimulate and improve miniature photography in America comes to you every month, FREE, when you purchase a LEICA. This fascinating magazine is now in its fifth year of existence and has welded a strong bond between all LEICA owners in the United States. Containing a wealth of valuable and inspirational information and assistance every month, it is looked forward to eagerly by its many thousands of readers.

In addition to receiving LEICA PHOTOGRAPHY the LEICA owner is entitled to the free service and advice on matters photographic which is rendered promptly by our correspondence department. Whatever problem you encounter a letter outlining your troubles will bring you an illuminating, helpful reply.



either one of them. Developing LEICA films with one of these tanks is economical, sure, rapid, and highly successful.



No. 60,450 FOCOMAT Enlarger

Enlarger: The VALOY and FOCOMAT enlargers, designed expressly for LEICA negatives, are superior instruments far ahead of their time, incorporating as they do the very latest innovations which have proved successful in the enlarging of miniature negatives. The VALOY and FOCOMAT enlargers are basically similar, but the latter provides for automatic focusing which is a decided convenience, especially when any quantity of work is contemplated. (U. S. Patent 1,930,431.)



So when you purchase a LEICA, you really get more than the camera—you get a life-time service and a magazine which will help you to more interesting and better results as time goes on. You will discover that photography with the LEICA is inexhaustable.

#### **TESTIMONIALS**

Every day brings wonderful letters of commendation to our desks from people in all walks of life. When important, busy people take time off to write about their satisfaction of the LEICA camera, it means a good deal. We could fill a volume with such letters, but append here only a few which go to show the various ways in which the LEICA is being successfully used.

## Easy to Operate

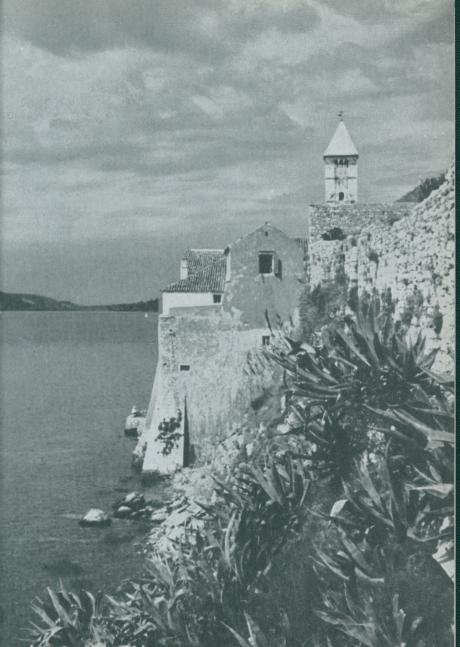
"The ease of operation, economy, and splendid results make the LEICA the ideal camera for me."—S. L., Buffalo, N. Y.

# Durability of the LEICA

"My LEICA Model D which was lost July 24, 1935, while touring the Northwest, was found near Bliss, Idaho on March 20, after having been exposed to the elements for 8 months. I was astonished to find that it is apparently not damaged. The summer sun heats the basalt lave of the Snake River Valley to a high temperature, and in the winter zero weather is common. There are occasional rains and snows. My LEICA has therefore withstood temperatures ranging through nearly 200° F."—H. P. Z., Detroit, Mich.

#### Sharp Enlargements

"My LEICA outfit produces enlargements of contact sharpness and quality. Why should I use a larger and more expensively operated camera?"—A. N. U., Seattle, Washington.



#### The Ultimate

"Your LEICA, however, is the ULTIMATE beyond which it would be impossible to conjecture greater perfection. Three F's describe it best: Faultless, Flawless, Final."—H. M., Elmhurst, L. I.

## None Can Compare

"I have seen many amateur photos, but have as yet seen none to compare with the splendid prints made with the LEICA".—
J. v. A., St. Louis, Mo.

#### Like a Watch

"As a watchmaker I can appreciate the fine workmanship in a LEICA. It is made as fine as any watch and is just as accurate in its job."—D. E. K., Howell, Mich.

#### Gives Pleasure

"I have been an owner of a LEICA since 1927 and it has given me more pleasure than any other single material object I have ever owned."—N. W. D., Rockingham, N. C.

#### First Experience

"Will never forget my first experience with a LEICA because of one outstanding feature. Using a borrowed camera last year (1935) I shot a full roll of film at the Indianapolis 500 mile race last Decoration Day. Started at 8 A. M., finished about 6 P. M. Speeds, fastest to slowest, all stops, guessing distance and everything else, rain and bright sun, I got 37 pictures which gave perfect 31/4 x 41/4 enlargements, and I never took 37 successive perfect pictures before in my life."—J. E. G., Lexington, Ky.

## A Lovely Camera

"I have dabbled in photography for a few years but never heaped thorough enjoyment from it until I started to use the LEICA. It is truly a lovely little camera."—E. A. B., Buffalo, N. Y.



# PARTIAL LISTING OF LEICA CAMERAS AND ACCESSORIES

Prices subject to change without notice.

For items and accessories not listed here, please write to E. Leitz, Inc. . . . . . . 730 Fifth Ave., New York City

# LEICA CAMERAS

Cat. No. and Code Word		Price
49,950 LU00B	LEICA AUTOFOCAL CAMERA MODEL G, complete with focal plane shutter with speeds from 1 to 1/1000th second, built-in focusing range finder, special 1½X magnifying eyepiece for range finder, eyelets for special strap, supplied with camera, 10 in. cable release and one film magazine, chrome finish, without lens or case	\$1 <b>2</b> 0.00
49,955 LUOOX	LEICA AUTOFOCAL CAMERA MODEL G, same as No. 49,950 but with XENON 50mm focus f:1.5 lens	300.00
49,960 LIOON	LEICA AUTOFOCAL CAMERA MODEL G, same as No. 49,950 but with SUMMAR 50mm focus f:2 lens	213.00
49,970 LEOOR	LEICA AUTOFOCAL CAMERA MODEL G, same as No. 49,950 but with ELMAR 50mm focus f:3.5 lens	168.00
50,000 LYDRO	LEICA AUTOFOCAL CAMERA MODEL F, complete with focal plane shutter with speeds from 1 to 1/500th second, built-in focusing range finder, special 1½X magnifying eyepiece for range finder, eyelets for special strap, supplied with camera, 10 in. cable release, and one film magazine, black finish, without lens or case.	102.00
50,010 LYDRO- CHROM	LEICA AUTOFOCAL CAMERA MODEL F, same as No. 50,000 but chrome finish	108.00
50,015 LYSUM 50,020 LYMAR	LEICA AUTOFOCAL CAMERA MODEL F, same as No. 50,000 but with SUMMAR 50mm focus f:2 lens	195.00 150.00
50,030 LYKAN	LEICA AUTOFOCAL CAMERA MODEL D, with focal plane shutter with speeds for 1/20 to 1/500th second, built-in range finder, coupling for automatic focusing, 10 in. cable release and one film magazine, black finish, without lens or case	81.00
50,035 LYKAN- CHROM	LEICA AUTOFOCAL CAMERA MODEL D, same as No. 50,030 but chrome finish	87.00
50,040 LYKUP	LEICA AUTOFOCAL CAMERA MODEL D, same as No. 50,030, but with ELMAR 50mm focus f:3.5 lens	129.00

Cat. No. and Code Word		Price
50,050 LYSTA	LEICA CAMERA MODEL E, complete with focal plane shutter with speeds from 1/20 to 1/500th second, special horizontal detachable range finder, ELMAR 50mm focus, f:3.5 lens, and one film magazine, black finish, without case	\$94.50
50,052 LYSTA- CHROM	LEICA CAMERA MODEL E, same as No. 50,050 but chrome finish	102.00
50,055 LEMAX	LEICA CAMERA MODEL E, same as No. 50,050 but without the special horizontal detachable range finder	84.00
50,057 LEMAX- CHROM	LEICA CAMERA MODEL E, same as No. 50,055, but chrome finish	90.00

LEICA LENSES All lenses except Nos. 50,500, 50,520 and 50,540 are supplied with the coupling mount for use with the built-in range finders on the Model D, F and G cameras. These lenses can also be used with the Model E LEICA. Some lenses have a small focusing mark for use with Infra-Red films and filters. The VIDOM Universal View Finder may be used with all LEICA lenses except Nos. 50,290, 50,500 and 50,520. NOTE: ALL LEICA LENSES HAVE A DEPTH OF FOCUS SCALE BUILT INTO THE LENS MOUNT. LEITZ Anastigmat HEKTOR, 28mm focus, f:6.3, (extremely wide angle lens), angle of view 76°, minimum focusing distance 3.5 ft., in focusing mount. 66.00 NOTE: SEE NO. 51,595 OR 51,596 FOR SPECIAL VIEW FINDER. LEITZ Anastigmat ELMAR, 35mm focus, f:3.5, (wide angle lens), angle of view 65°, minimum focusing distance 3.5 ft., in focusing mount 54.00 NOTE: SEE NO. 51,600 FOR SPECIAL VIEW FINDER. LEITZ Anastigmat ELMAR, 50mm focus, f:3.5, (standard lens), angle of view 48°, minimum focusing distance 3.5 ft., in collapsible focusing mount..... 48.00 LEITZ Anastigmat HEKTOR, 50mm focus, f:2.5, (speed lens), angle of view 48°, minimum focusing distance 3.5 ft., in collapsible focusing mount..... 66.00 LEITZ Anastigmat SUMMAR, 50mm focus, f:2, (super-speed lens), angle of view 48°, minimum focusing distance 3.5 ft., in collapsible focusing mount..... LEITZ Anastigmat XENON, 50mm focus f:1.5 (extreme speed

50,290

HOOPY

50.310

EKURZ

50,320

ELMAR

50,350

HEKTO

50,360

SUMUS

50,365

**XEMOO** 

50.390

HEGRA

Cat. No. and Code Word		D
50,410 ELANG	LEITZ Anastigmat ELMAR, 90mm focus, f:4, (speedy distance lens), angle of view 27°, minimum focusing distance 3.5 ft., in focusing mount	Price \$72.00
50,415 TOODY	LEITZ Anastigmat THAMBAR, 90mm focus f:2.2, (soft focus lens of highest speed for artistic portrait photography), angle of view 27°, minimum focusing distance 3.5 ft., in focusing mount, including special sunshade	129.00
50,430 ELZEN	<b>LEITZ Anastigmat ELMAR,</b> 105mm focus, f:6.3, (distance lens of light weight for landscape photography), angle of view 24°, minimum focusing distance 10 ft., in focusing mount, including special sunshade	58.50
<b>50,460</b> HEFAR	<b>LEITZ Anastigmat HEKTOR,</b> 135mm focus, f:4.5, (lens for increased distances), embodying the HEKTOR optical principles in a distance lens, yielding exceptional results, angle of view 19°, minimum focusing distance 5 ft., in focusing mount	108.00
50,500 OTPLO	LEITZ Anastigmat TELYT, 200mm focus, f:4.5 (full telephoto lens of highest definition, free from distortion), angle of view 12°, minimum focusing distance 10 ft., in focusing mount, including special sunshade	120.00
	NOTE: THE TELYT LENS NO. 50,500 CAN ONLY BE USED WITH MIRROR REFLEX HOUSING NO. 50,510.	
<b>50,510</b> PLOOT	Mirror Reflex Housing, complete, with ground glass focusing screen, magnifying arrangement, two magnifiers and double cable release unit	99.00
50,520 TOOLP	<b>LEITZ Anastigmat TELYT,</b> 200mm focus, f:4.5, (No. 50,500), complete with Mirror Reflex Housing No. 50,510 It is recommended that case No. 53,225 be ordered with the TELYT lens outfit No. 50,520.	219.00
50,530 MOOSP	Intermediate Extension Collar, 15mm, for use with TELYT lens No. 50,500 (the extension ring No. 50,530 or multiple units thereof, are recommended for use with TELYT No. 50,500 when it is desired to use this lens for "close up" photography at less than 10 ft.)	1.95
<b>50,540</b> онево	<b>LEITZ Anastigmat HEKTOR,</b> 135mm focus, f:4.5, angle of view 19°, minimum focusing distance 5 ft., in <b>short</b> focusing mount, without coupling to the range finder (this lens can only be used with the mirror reflex housing No. 50,510, or with the intermediate collar No. 50,550)	94.50
<b>50,550</b> ZOOKE	Intermediate Collar with Automatic Coupling for LEICA range finder (with this Collar the HEKTOR lens No. 50,540 may be used in the same manner as the regular HEKTOR 135mm lens No. 50,460)	27.00
	LEICA FILTERS	
	NOTE: ALL LEICA FILTERS ARE OF SOLID GLASS IN WHICH THE COLOR IS INHERENT. THEY MAY THEREFORE BE USED UNDER ALL CLIMATIC CONDITIONS AND RETAIN THEIR ORIGINAL COLOR.	
	19mm Filters in screw-in mounts for LEICA lenses ELMAR 35 and 50mm only:	
<b>51,000</b> FIXTA	Yellow Filter 0 (very light)	2.70
51,005 FIRHE	Yellow Filter I (light)	2.70

Cat. No. and Code Word		Price
51,010 FIRMY	Yellow Filter II (medium)	\$2.70
51,012 FINUS	Yellow Filter III (dark)	2.70
51,013 FIORE	U. V. (ultra violet) Protection Filter, factor: 2x	2.70
51,014 FIXIO	Panchromatic (green) Filter, factor: 2x to 3x	3.30
51,015 FCZ00	Infra Red Filter I (light)	3.30
51,016 FIBOB	Infra Red Filter II (medium)	3.30
	34mm Filters in slip-on mounts for Leica lenses: ELMAR 35mm, ELMAR 50mm, HEKTOR 50mm, SUMMAR 50mm, ELMAR 105mm, HEKTOR 135mm and HEKTOR 135mm lens in short focusing mount for use with mirror reflex housing. When using the ELMAR 105mm, f:6.3 lens, the filter is mounted over the sunshade.	
51,020 FIHEL	Yellow Filter 0 (very light)	4.20
<b>51,030</b> FIGRO	Yellow Filter I (light)	4.20
51,040 FIGAM	Yellow Filter II (medium)	4.20
51,050 QCP00	Yellow Filter III (dark)	4.20
51,060 FIRAD	Graduated Yellow Sky Filter	5.10
51,070 FIOLA	U. V. (ultra violet) Protection Filter, factor: 2x	4.20
51,080 FIPOS	Panchromatic (green) Filter, factor: 2x to 3x	4.80
<b>51,085</b> FEDOO	Infra Red Filter I, (light)	4.80
<b>51,090</b> FIKYB	Infra Red Filter II, (medium)	4.80
	30mm Filters in screw-in mounts for Leica lenses: Hektor 28mm, Summar 50mm, Elmar 90mm, Hektor 135mm and Hektor 135mm lens in short focusing mount for use with mirror reflex housing.	
51,091 FIMOO	Yellow Filter 0, (very light)	3.45
51,092 FIOOC	Yellow Filter I, (light)	3.45
<b>51,093</b> FAVOO	Yellow Filter II, (medium)	3.45
51,094 QB00E	Yellow Filter III, (dark)	3.45

Cat. No. and		
Code Word 51,095 FBOOK	U. V. (ultra violet) Protection Filter, factor: 2x	\$3.45
<b>51,096</b> FBX00	Panchromatic (green) Filter, factor: 2x to 3x	3.90
<b>51,096a</b> FN00Y	Infra Red Filter I, (light)	3.90
51,097 FC00I	Infra Red Filter II, (medium)	3.90
	39mm Filters in screw-in mounts for Hektor 73mm lens.	
<b>51,100</b> FIWAS	Yellow Filter 0, (very light)	4.20
51,110 FIREG	Yellow Filter I, (light)	4.20
<b>51,120</b> FIWIG	Yellow Filter II, (medium)	4.20
51,130 FILXA	Yellow Filter III, (dark)	4.20
51,140 FIWET	U. V. (ultra violet) Protection Filter, factor: 2x	4.20
51,150 FIGIL	Graduated Yellow Sky Filter, in slip-on mount	6.90
51,160 FIRYX	Panchromatic (green) Filter, factor: 2x to 3x	5.10
51,168 FG00E	Infra Red Filter I, (light)	5.10
51,170 FIPLO	Infra Red Filter II, (medium)	5.10
	$48 mm$ Filters in screw-in mounts for Leica lenses: Thambar $90 mm, \ and \ Telyt$ $200 mm.$	
51,171 POOAH	Yellow Filter 0, (very light)	5.10
51,172 POOBV	Yellow Filter I, (light)	5.10
51,173 POOCI	Yellow Filter II, (medium)	5.10
51,174 POOFX	U. V. (ultra violét) Protection Filter, factor: 2x	5.10
<b>51,175</b> PGOOX	Graduated Yellow Sky Filter, in slip-on mount	8.40
<b>51,175a</b> POODW	Panchromatic (green) Filter, factor: 2x to 3x	6.30
51,176 POOGL	Infra Red Filter I, (light)	6.30
51,177 POOEK	Infra Red Filter II, (medium)	6.30
<b>51,185</b> XOOAM	Yellow Filter 0, (very light)	6.60
<b>51,186</b> XOOBZ	Yellow Filter I, (light)	6.60

Cat. No. and Code Word		Price
51,187 X00CN	Yellow Filter II, (medium)	\$6.60
51,189 XOOFB	U. V. (ultra violet) Protection Filter, factor: 2x	6.60
<b>51,191</b> XOOGP	Panchromatic (green) Filter, factor: 2x to 3x	7.95
51,192 X001Q	Infra Red Filter I, (light)	7.95
51,193 XOOKD	Infra Red Filter II, (medium)	7.95
	CAMERA ACCESSORIES	
51,505 WESTO	WESTON LEICAMETER Model C (No. 650), new model, with the sensitivity increased three times over the previous model, direct reading scale, simplified exposure dial; metal calculator disc gives correct readings for the greatest range of light intensities. Without case	22.50
51,506 WESCA	Soft Leather Case, with zipper for LEICAMETER	1.75
51,507 CALFA	Calf's Letter Case for LEICAMETER	1.75
51,530 VIDOM	VIDOM Universal View Finder, with adjustable masking aperture and parallax adjustment, for use with all LEICA Cameras and Lenses, except lenses Nos. 50,290, 50,500 and 50,520	22.80
51,535 VIDOM- CHROM	VIDOM Universal View Finder, same as No. 51,530, but with chrome finish	23.40
51,560 AUFSU	Reflecting View Finder, for LEICA Camera, for use with all 50mm lenses	9.00
51,562 AYOOC	Reflecting View Finder, same as No. 51,560, but with negative auxiliary lens, for use with the 35mm and 50mm LEICA lenses (when the negative lens is swung into position use the 35mm lens, when swung out use the 50mm lenses)	15.00
51,565 AHOOT	Reflecting View Finder, similar to No. 51,562, for use with HEKTOR 28mm and 50mm lenses	15.00
51,570 RASUK	Direct Vision View Finder, with parallax adjustment, special wire type metal finder accommodating the fields of all LEICA lenses of 35mm, 50mm, 73mm and 90mm focus	8.10
51,571 RASUK- CHROM	Direct Vision View Finder, same as No. 51,570, but chrome finish	9.00
51,580 RAMET	Mask for RASUK Direct Vision Frame Finder for giving fields of the 105 and 135mm lenses	.90
51,581 RAMET- CHROM	Mask for RASUK Direct Vision Frame Finder, same as No. 51,580, but chrome finish	1.20
51,590 RASAL	Direct Vision View Finder, complete with mask giving fields of view of all LEICA lenses (combination of RASUK and RAMET) of 35mm, 50mm, 73mm, 90mm, 105mm and 135mm focus	9.00
51,591	Direct Vision View Finder, complete, same as No. 51,590, but	0.00
RASAL- CHROM	chrome finish	10.20

Cat. No. and		
51,595 SU00Q	Special View Finder for 28mm HEKTOR lens No. 50,290	Price \$19.20
<b>51,596</b> SUOOQ- CHROM	Special View Finder, same as No. 51,595, but chrome finish	21.00
<b>51,600</b> WEISU	Special View Finder for 35mm ELMAR lens	7.20
51,605 WEISU- CHROM	Special View Finder, same as No. 51,600, but chrome finish	8.40
51,610 suwoo	<b>Special View Finder</b> for 50mm lenses, for use on single exposure camera No. 50,110	5.40
51,620 WINKO	WINKO Angle View Finder, for LEICA Camera Models A, C and E, for use with 50mm lenses	9.00
51,630 WINTU	WINTU Angle View Finder, for LEICA Camera Models D, F and G, for use with 50mm lenses	10.80
51,635 WINTU- CHROM	WINTU Angle View Finder, same as No. 51,630, but in chrome finish	12.00
51,670 FOKOS	Short Base Range Finder FOKOS, for use on Model E LEICA Camera (turret clip included with Model E LEICA No. 50,055 and 50,057)	10.50
51,675 FOKOS- CHROM	Short Base Range Finder FOKOS, same as No. 51,670, but chrome finish	12.00
<b>51,680</b> HF00K	Short Base Range Finder FOKOS, but with special turret clip for use on Models A, B and C LEICA Cameras	12.00
51,682 HFOOK- CHROM	Short Base Range Finder FOKOS, same as No. 51,680, but chrome finish	18.50
51,687a NOOKY	Optical Short Distance Focusing Device. This device allows the LEICA lenses coupled with range finder to be used at close distances between $3\frac{1}{2}$ ft. and $16\frac{1}{2}$ in enabling one to focus quickly as well as accurately. The device consists of an adapter cam, to be screwed into the objective flange; the cam carries a glass wedge that projects in front of the entrance window of the range finder and serves to deflect the light rays emanating from the subject. In addition, this device is equipped with an image-field stop situated in front of the direct view finder. The stop is manipulated by means of a curve and thus serves as parallax compensation. The cam is provided with a bayonet lock accommodating the LEICA ELMAR lens 50mm focus f:3.5 No. 50,320	30.00
51,689 NOOKY- HESUM	Optical Short Distance Focusing Device, same as No. 51,687a, however, for use with LEICA lenses HEKTOR 50mm f:2.5 No. 50,350 or SUMMAR 50mm f:2 No. 50,360	30.00
51,756 SOOHN	Lens Sunshade for HEKTOR lens 28mm	1.80
<b>51,758</b> FLQ00	Lens Sunshade for ELMAR lens 35mm	2.10
51,760 FISON	Lens Sunshade with set screw, for ELMAR 50mm and 90mm and HEKTOR 50mm and 135mm lenses	1.35
51,762 FISON- CHROM	Lens Sunshade, same as No. 51,760, but chrome finish	1.80

Cat. No. and		
Code Word <b>51,765</b>	Lens Sunshade, for SUMMAR 50mm lens. It is especially de-	Price
SOOMP	signed for this lens, and provides the highest efficiency	\$2.55
51,790 FIKUS	Lens Sunshade, adjustable, for ELMAR 50mm and 90mm, SUMMAR 50mm, HEKTOR 50mm and 135mm lenses. Barrel is calibrated for the various focal length lenses and may be adjusted accordingly	4.50
<b>51,796</b> HEBOO	Automatic Slow Speed Timing Device, with speeds of 1, ½, ¼, and ½ second, for attaching to LEICA Cameras A, C, D and E, complete, but without case	13.50
51,800 DIREKT	Self-Timing Device for LEICA Cameras. Permits delayed action for exposures	3.60
51,807 SCN00	Rapid Winder, permits successive exposures with extreme speed; it consists of an especially designed LEICA base-plate that may be interchanged with the standard base-plate. The special base-plate carries a trigger which slides in a groove. The trigger is operated by pulling it along the groove, this action rewinding the shutter and moving the film to the next section. The entire operation is done with one finger, thus permitting extremely rapid action. Pictures are thus made in surprisingly quick succession—as fast as the trigger can be pulled, in fact. The right hand is free for any other camera manipulations that may be necessary. Plain finish	15.00
	NOTE: All LEICA cameras bearing a serial number below 111,450 must be altered to fit the Rapid Winders Nos. 51,807 and 51,808. The charge for this conversion is \$15.00. Also LEICA cameras bearing serial numbers between 111,450 and 159,000 must be changed at a cost of \$4.50. LEICA cameras with serial numbers above 159,000 can be used directly with the Rapid Winder without any change.	
51,808 SCN00- CHROM	Rapid Winder, same as No. 51,807, but chrome finish	16.50
51,810 VACUB	LEICA Photoflash Unit, complete, with upright pillar (which accommodates batteries) with lug which fits into clip in all LEICA Cameras, set of batteries, receptacle for miniature testing lamp and standard Photoflash lamp, electrical connection for shutter release button, and folding metal reflector. This outfit is intended for use at bulb (Z) and speeds up to and including 1/30 sec	7.50†
	New LEICA Synchronized Photoflash Unit, complete with upright pillar, which is attached to the tripod base by means of a special clamp; set of two batteries, separate receptacle for miniature testing lamp, special synchronizing head operating on the shutter speed dial of the LEICA Camera, including special clip placed on shutter speed dial and detachable reflector, for LEICA Cameras D, F and G	33.00
51,813 BTOOK	New LEICA Synchronized Photoflash Unit, same as Cat. No. 51,812 but for LEICA Camera E	33.00
	NOTE: LEICA Cameras having serial numbers below 100,000 will require a small shutter speed dial (now supplied with LEICA Cameras). This is supplied free of charge with the New LEICA Synchronized Photoflash Unit, on request.	
51,815 BW00G	Special Battery Case, for Cat. Nos. 51,812 and 51,813, which accommodates four batteries	6.60
	NOTE: The Special Battery Case, accommodating four batteries, is needed when the Synchronized Photoflash Unit is used at a distance from the camera.	0.00

Price		Cat. No. and Code Word
\$24.00	Special Attachment, for Cat. Nos. 51,812 and 51,813, with revolving head accommodating three Photoflash lamps, enabling the making of three Photoflash exposures in rapid succession; including three detachable reflectors	
1.50	Spirit Level (fits into clip on all LEICA Cameras)	51,820 DOOLU
18.00	Remote Release and Shutter Winder serves to operate the LEICA at distances when the presence of the operator may be disturbing, as in cases when photographing birds, wild animal life, etc.	OOFRC
11.10	LEICA Negative Viewer and Marker, with polished metal film channel, film-notching punch, and magnifying lens. Permits negatives to be seen clearly, distinctly and greatly enlarged so that detail in each is quickly noted without the necessity of placing in enlarger	NATRA
1.50	Small Plate of Milk Glass, with frame for attaching in front of the negative viewer (No. 51,870)	51,880 NAMAS
.90	Take-up Spool, for LEICA Cameras D, E, F or G, as well as former models A, B or C	51,910 SPULM
	Film Winder with spring clip for holding film while winding LEICA magazine spool; this Winder will also take the larger model FF spools	51,942 AFL00
.45	Hand Film Winder, for use in loading LEICA magazine spools in darkroom	
1.50	Film Trimming Guide, of hinged metal, used to shape and trim ends of film for loading into film magazines	51,960 ABLON
1.20	Film Cutting Knife serves to cut the film while in the camera; particularly desirable in connection with the LEICA Camera FF, No. 50,070, in case	
2.70	Ball Jointed Tripod Head, for use when mounting LEICA Camera in any fixed position	
7.20	Large Ball Jointed Tripod Head, similar to No. 51,970, but larger and heavier, especially recommended for the TELYT 200mm focus lens	KGOON
2.70	Intermediate Socket for Ball-Jointed Tripod Heads when used on tripod stands with large top plate	
3.60	Quick-Changing Snap-Socket Tripod Head	51,975 SD00G
6.00	Panorama Tripod Head, calibrated both for vertical and horizontal pictures with the LEICA Camera and any of the 50mm LEICA lenses. This panorama head permits the interchange of calibration rings so that perfectly matched pictures can be made with any of the LEICA lenses. Rings for other than the 50mm lenses are sold separately, see below	FARUX
1.50	Interchangeable Calibrated Ring, for use on Panorama Head No. 51,980, calibrated for 28mm lens	51,985 FOONW
1.50	Interchangeable Calibrated Ring, for use on Panorama Head No. 51,980, calibrated for 35mm lens	
1.80	Interchangeable Calibrated Ring, for use on Panorama Head No. 51,980, calibrated for 73mm lens	<b>52,000</b> FAWAG
1.80	Interchangeable Calibrated Ring, for use on Panorama Head No. 51,980, calibrated for 90mm lens	<b>52,010</b> FAXIS
1.80	Interchangeable Calibrated Ring for use on Panorama Head No. 51,980, calibrated for 105mm lens	<b>52,020</b> FASKI

Cat. No. and Code Word		Price
52,030 FARLY	Interchangeable Calibrated Ring, for use on Panorama Head No. 51,980, calibrated for 135mm lens	\$1.50
<b>52,035</b> FOOQL	Interchangeable Calibrated Ring, for use on Panorama Head No. 51,980, calibrated for 200mm lens	1.50
	NOTE: ITEMS NOS. 52,030 AND 52,035 ARE ARRANGED FOR PANORAMA PHOTOGRAPHY WITH CAMERA IN HORIZONTAL POSITION, WHEN USING OBJECTIVES 135MM AND 200MM FOCUS THE PANORAMA HEAD NO. 51,980 SHOULD BE ATTACHED TO THE OBJECTIVES PROPER, WHICH HAVE A TRIPOD THREAD, AND NOT TO THE CAMERA. TO PROVIDE FOR RIGID SUPPORT, THE LARGE BALL AND SOCKET HEAD NO. 51,971 SHOULD BE MADE USE OF.	
<b>52,040</b> FIAVI	Angle Bracket, for convenience in attaching and leveling LEICA Camera to panorama head	3.30
	NOTE: THE SPIRIT LEVEL NO. 51,820 WHICH IS ATTACHED TO THE ANGLE BRACKET NO. 52,040 OR DIRECTLY TO THE LEICA CAMERA SHOULD BE USED WHEN MAKING PANORAMA PICTURES.	
.52,045 TOOSF	LEICA Table Tripod, all metal construction, leather-faced where required to prevent scratching the camera, with leveling and tripod screws, complete, ready for use	6.00
	CARRYING AND PROTECTIVE CASES	
53,010 ESNAR	Eveready Case, for LEICA Models A, C, D, E, F or G, with ELMAR 35mm or 50mm or HEKTOR 50mm lenses, cowhide, with neckstrap	7.80
53,012 ESOOR	Eveready Case, for LEICA Models A, C, D, E, F or G, with ELMAR 35mm or 50mm or HEKTOR 50mm lenses and with Rapid Winder attached	11.10
53,020 ESMOS	Eveready Case, for LEICA Model E and range finder FOKOS attached, with neck strap	7.80
53,030 ESFUS	Eveready Case, for LEICA Models D, F and G with SUMMAR 50mm, f:2, with neck strap	8.10
<b>53,032</b> EPZ00	Eveready Case, for LEICA Models D, F and G with SUMMAR 50mm lens and with Rapid Winder attached	11.70
53,035 EXOOM	Eveready Case, for LEICA Models F or G with XENON 50mm f:1.5 lens	8.10
53,040 ESF00	Eveready Case, for LEICA Model FF, No. 50,070, cowhide, with neck strap	10.50
53,060 ETTRE	Combination Case, brown cowhide, with strap handle and shoulder strap. Space for LEICA, (Models C, D, E, F or G), three of the LEICA lenses, universal view finder, angle view finder, two front lenses, one extra film magazine and two filters	15.30
53,070 ETNEU	Combination Case, brown cowhide, with strap handle and shoulder strap. Space for LEICA (models C, D, E, F, or G), four of the LEICA lenses, universal view finder, angle view finder, three front lenses, two extra film magazines and four	10.50
	filters	16.50

Cat. No. and Code Word		Price
<b>53,080</b> ETGUS	Combination Case, brown cowhide, with strap handle and shoulder strap. Space for LEICA (Models C, D, E, F, or G), five of the LEICA lenses, universal view finder, angle view finder, three front lenses, two extra film magazines, and four filters	\$19.80
53,090 ETMAX	Combination Case, brown cowhide, with strap handle and shoulder strap. Space for LEICA (Models C, D, E, F or G), seven LEICA lenses, universal view finder, angle view finder, three front lenses, two extra film magazines, and four filters.	22.20
<b>53,100</b> EUSAF	Soft Leather Purse Case, for LEICA Models A, C, D, E, F or G, with 28mm, 35mm or 50mm lens, respectively	3.00
53,102 ERDOO	Soft Leather Purse Case, brown, with zipper, for LEICA Camera with 50mm lens	3.30
53,225 EMT00	Calf's Leather Case, for TELYT lens with mirror reflex housing No. 50,520	16.50
	LEICA FILM	
56,000 FLIXY	PERUTZ SPECIAL FINE GRAIN, ANTI-HALO ORTHO- CHROMATIC FILM (approx. 18-19° Scheiner). The finest- grained film available. 36 exposures in special metal day- light loading and unloading cartridge, hermetically sealed in lead tube	.99
56,010 FUJMA	PERUTZ SPECIAL FINE GRAIN, ANTI-HALO ORTHO- CHROMATIC FILM (approx. 18-19° Scheiner). The finest- grained film available. 30-ft. rollsper roll	2.70
56,020 FLISO	PERUTZ NEO-PERSENSO ORTHOCHROMATIC FILM (approx. 21° Scheiner). A speedy, fine-grained film with excellent characteristics. 36 exposures in special metal daylight loading and unloading cartridge, hermetically sealed in lead tube	.99
56,030 FUJLO	PERUTZ NEO-PERSENSO ORTHOCHROMATIC FILM (approx. 21° Scheiner). A speedy fine-grained film with excellent characteristics. 30-ft rollsper roll	2.70
56,060 FLESA	PERUTZ PEROMNIA PANCHROMATIC FILM (approx. 22° Scheiner). The ideal speed panchromatic film with surprisingly fine grain. 36 exposures in special metal daylight loading and unloading cartridge, hermetically sealed in lead tubeper cartridge	1.08
56,070 FLEWU	PERUTZ PEROMNIA PANCHROMATIC FILM (approx. 22° Scheiner). The ideal speed panchromatic film with surprisingly fine grain. 30-ft. rollsper roll	3.15
56,075 FLEZI	PERUTZ PERPANTIC PANCHROMATIC FILM (approx. 21° Scheiner). A most excellent fine-grained panchromatic film of medium speed. Ideal for all purposes where a panchromatic film is indicated. 36 exposures in special metal daylight loading and unloading cartridge, hermetically sealed in lead tube	1.08
56,076 FLIDU	PERUTZ PERPANTIC PANCHROMATIC FILM (approx. 21° Scheiner). A most excellent fine-grained panchromatic film of medium speed. Ideal for all purposes where a panchromatic film is indicated. 30-ft. rollsper roll	3.15
FIGKA	DUPONT SUPERIOR PANCHROMATIC FILM (approx. 24° Scheiner). A film having special fine-grain emulsion. Daylight loading and unloading cartridges of 36 exposures. per cartridge	.85
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Cat. No. and Code Word		Price
56,090 FUJEP	DUPONT MICROPAN PANCHROMATIC FILM (approx. 17° Scheiner). A special, fine-grained panchromatic film with excellent contrast, useful for micro and copy work, as well as general photography. Daylight loading and unloading cartridges of 36 exposuresper cartridge	\$.85
56,100 FIGIX	<b>DUPONT INFRA-D FILM</b> (approx. 17° Scheiner). For special infra-red photography and effect work. Daylight loading and unloading cartridges of 36 exposuresper cartridge	1.15
	DEVELOPING APPARATUS	
56,400 FETAN	REELO All Bakelite Developing Tank, Model A (for LEICA and all other 35mm cine film up to $5\frac{1}{2}$ ft. lengths), complete with tank, lid, grooved reel and washing nozzle	7.25
56,490 CORUN	CORREX All Bakelite Developing Tank, complete with reel, apron and hand agitator	8.40
56,492 COSTI	Hand Agitator for CORREX tank	.45
56,550 CORET 56,561	Tank Thermometer, calibrated in Fahrenheit for use with REELO or CORREX tanks	1.20
AGITA	oscillating principle which assures the maximum agitation with the minimum of effort and energy. Attractively and substantially built, consisting of motor, ventilated housing, platform upon which tank is placed, and insulated cord. Complete, ready for use	23.40
<b>56,562</b> AGOTU	Electric Agitator, for D. C. (direct current) only. The same as No. 56,561 but for use on direct current	29.40
56,563 AGULI	Automatic Time Switch, for use for Electric Agitators Nos. 56,561 and 56,562. Bakelite housing and dial for 30-minute periods, automatic shut-off at any predetermined time interval. Complete with special plug and cord	4.95*
56,570 FIMAN	Developing Drum Outfit, complete with two glass trays, metal stand support for drum, and glass revolving drum. Especially useful for developing natural color film and positive film prints where it is necessary to observe the development of the image on the film	10.50
56,640 FILEP	Developer, Perutz Fine-Grain Compensating, packed ten tubes per cartonper carton	2.70
56,645	Developer, Tetenal, Ultrafin S-Fper package	.90
ULTRA	STEREO APPARATUS	
57,200 VOSTN	STEREOLY Attachment, for taking stereo pictures with the LEICA Models D, F or G, in ease	39.00
57,210 VORSA	STEREOLY Attachment, for taking stereo pictures with the LEICA Models A, C or E, in case	39.00
<b>57,220</b> VORUF	Arm for STEREOLY Attachment (offered for use of No. 57,210 in connection with LEICA Models D, F, G or conversion)	7.20
57,230 VOTRA	STEREO Viewer, for LEICA pictures, taken with the STEREOLY Attachments No. 57,200 or No. 57,210, without stand, in case	42.00
57,240 VOTIV	Stand, serving as support for Stereo Viewer No. 57,230	4.20
57,250 FIATE	Stereo Slide Bar, for use when making two separate LEICA negatives	6.00
	(SEE PAGE 56 FOR STEREO COVER GLASS PLATES)	51

# COPY AND REPRODUCTION APPARATUS

Cat. No. ar Coge Wor		
57.300		Price
OORES	Rotating Focusing Copying Attachment, consisting of Rotating Stage which holds the LEICA Camera and ground glass focusing screen with clear glass center	\$40.50
	NOTE: THE COPY ATTACHMENT NO. 57,300 CAN BE FOCUSED AT ANY DISTANCE INCLUDING INFINITY.	
57,310 GOORM	Sliding Arm, for attaching the Rotating Focusing Copying Attachment No. 57,300 to upright of enlarger	13.20
57,320 GRB00	Focusing Copying Attachment, similar to No. 57,300 but with a dove-tailed slide arrangement, for use with LEICA Model FF	42.00
57,330 COARM	Sliding Arm, for attaching the focusing copying attachment No. 57,320 to upright of enlarger	13.20
	NOTE: THE FOCUSING COPYING ATTACHMENTS NOS 57,300 AND 57,320 TOGETHER WITH THE SLIDING ARMS CAN BE ATTACHED TO THE VERTICAL UPRIGHT OF THE LEICA UNIVERSAL ENLARGERS. IF AN ENLARGER IS NOT AVAILABLE THE BASEBOARD AND UPRIGHT MAY BE PURCHASED SEPARATELY.	
57,340 LOOCG	Focusing Magnifier 5X, for use on Copying Attachments Nos. 57,300, 57,320, 57,600, 57,605, 57,610 and 57,615	7.20
57,350 LOOFV	Large Wide-field Focusing Magnifier 5X, permitting to view the entire field of the image at one glance, for use on copying attachments Nos. 57,300, 57,320, 57,600, 57,605, 57,610, and 57,615	15.00
57,352 LOOGI	Large Wide Field Angular Focusing Magnifier 5X, similar to No. 57,350, but with reflecting mirror permitting to view the ground glass focusing screen in horizontal direction	21.00
<b>57,355</b> LOOWH	Focusing Magnifier 30X, for increased exactitude in the focusing, for use on copying attachments Nos. 57,300, 57,320, 57,605 and 57,615	14.40
<b>57,360</b> ZWT00	Intermediate Focusing Mount, for conveniently focusing the $50\mathrm{mm}$ ELMAR lens when used with copying attachments Nos. $57,300$ and $57,320$ . With this focusing mount the lens can be focused at any distance between $\infty$ and $16.5$ in. At $16.5$ in. the reduction is $1/6$ .	9.00
<b>57,365</b> ZWT00- HESUM	Intermediate Focusing Mount, same as No. 57,360, but for use with HEKTOR and SUMMAR lenses	9.00
<b>57,370</b> BOOXZ	<b>Extension Tube (7mm) "B",</b> giving reductions of from 1/3 to 1/2.5, or in conjunction with intermediate focusing mounts Nos. 57,360 and 57,365, from 1/5 to 1/4. For use on Nos. 57,300 and 57,320	1.20
57,380 MOOBG	Extension Tube (16mm) "M.1:2", giving reductions in the ratio of 1/2. For use on Nos. 57,300 and 57,320	1.50
57,390 MOODH	Extension Tube (24.5mm) "M.1:1.5", giving reductions in the ratio of 1/1.5. For use on Nos. 57,300 and 57,320	1.80
57,400 MOOGW	Extension Tube (41mm) "M.1:1", giving reproductions in natural size. For use on Nos. 57,300 and 57,320	2.10
57,405 TBK00	Intermediate Adapter with correction lens, for use with Nos. 57,300 and 57,320, when making photomicrographs	10.80
57,410 LSZ00	<b>Light-Excluding Ring,</b> for making light-tight connection between intermediate adapter No. 57,405 and microscope when making photo-micrographs with Nos. 57,300 and 57,320	4.80

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Cat. No. and Code Word		Price
57,412 COOED	Special Short Focusing Mount, for the ELMAR 90mm lens for use with Nos. 57,300 and 57,320	\$15.00
57,413 COOTL	Special Short Focusing Mount, for the THAMBAR 90mm lens, for use with Nos. 57,300 and 57,320	15.00
57,414 coohs	Special Short Focusing Mount, for the HEKTOR 135mm lens, for use with Nos. 57,300 and 57,320	18.00
57,415 MOORB	Extension Tube, for the TELYT 200mm lens, for use with Nos. 57,300 and 57,320	3.00
	NOTE: WHILE IT IS QUITE SATISFACTORY TO USE THE 50mm LENSES FOR ORDINARY COPY WORK, SUCH AS REPRODUCTION OF MANUSCRIPTS, ETC., THE PERSPECTIVE CAN BE GREATLY IMPROVED BY USING ONE OF THE LONG FOCUS LEICA LENSES, ESPECIALLY WHEN PHOTOGRAPHS OF OBJECTS ARE TAKEN WHICH HAVE A CERTAIN DEPTH. THE 90 AND 135mm LEICA LENSES WOULD NOT ALLOW OF FOCUSING AT ANY DISTANCE UP TO INFINITY WHEN USED IN THE FOCUSING COPYING ATTACHMENTS WITH THEIR STANDARD FOCUSING MOUNTS. FOR THIS REASON WE RECOMMEND THE SPECIAL FOCUSING MOUNTS NOS. 57,412, DISTANCE UP TO INFINITY. FOR SHORTER DISTANCES AT GREATER MAGNIFICATIONS THEY ARE USED IN CONJUNCTION WITH ANY OF THE EXTENSION TUBES NOS. 57,370 to 57,400 and 57,635 to 57,670.	
57,450 ZSL00	Collapsible Upright Pillar, in three sections, total height 3 ft., including table clamp	28.80
57,452 YQH00	Further Intermediate Portions (middle sections of the upright) 1 ft. longeach	7.20
	NOTE: The Collapsible Upright Pillar No. 57,450 serves for supporting the focusing copying attachments Nos. 57,300 and 57,320 in case the upright of an enlarger is not used. The copying devices are attached to the upright with the sliding arms Nos. 57,310 and 57,330. The intermediate portions serve for increasing the height of the upright.	
57,460 SPOOV	Special Horseshoe Stand with clamping screw and supporting board, for the copying attachments Nos. 57,300 and 57,320	7.20
57,470 KG00N	Large Ball and Socket Head, similar to the regular LEICA ball and socket tripod head but larger and heavier, for attaching focusing copying attachments Nos. 57,300 and 57,320 to tripod or horseshoe stand when photographing with the camera and rotary stage in vertical position	7.20
57,475 SPM00-	Large Horseshoe Stand with upright and supporting board for the copying attachments Nos. 57,300 and 57,320	21.60
DOOSL	NOTE: THE COPYING ATTACHMENTS SHOULD BE ATTACHED TO STAND NO. 57,475 WITH THE SLIDING ARMS NOS. 57,310 or 57,330.	
57,615 COSLA	Focusing Copying Attachment, Model 2, same as No. 57,610, but with Special Focusing Screen which has a calibrated clear glass strip for critical focusing	19.05
57,620 VEARM	Sliding Arm, for attaching LEICA and copying attachments Nos. 57,600 and 57,610 to upright of enlarger	9.00

in natural size (1:1), consisting of an intermediate collar marked 1:1 and tripod with baseplate and clamping collar..

10.80

Cat. No. and Code Word		Price
57,815 BESUM	Auxiliary Reproduction Device, same as No. 57,810, but for SUMMAR 50mm, f:2 lens	\$10.80
57,822 BEHOO	Auxiliary Reproduction Device, for LEICA with interchange- able ELMAR and SUMMAR lenses 50mm, for photographing small objects in slightly reduced size (scale 1:1½, 1:2 and 1:3), consisting of three different intermediate collars marked 1:1½, 1:2 and 1:3, universal clamping ring and four adjust- able legs, with bands indicating distances (white bands for ELMAR and yellow bands for SUMMAR lenses)	15.00
57,862 BEOOY	Setting Device, for the LEICA Camera, with interchangeable lenses ELMAR, HEKTOR or SUMMAR 50mm focus in connection with supplementary front lenses Nos. 2 or 3, consisting of clamping ring and four adjustable legs, with bands indicating distances (white bands for ELMAR and HEKTOR and yellow bands for SUMMAR lenses)	7.80
57,884 BAZ00	Universal Focusing Arrangement, which combines in itself the working possibilities of the devices BEHOO No. 57,822 and BEOOY No. 57,862, consisting of a universal clamping ring which fits the two sets of extension legs for the BEHOO and BEOOY attachments, three intermediate extension tubes with markings 1:1.5, 1:2 and 1:3 and four auxiliary rods No. 57,864, with bands indicating distances (white bands for ELMAR and HEKTOR and yellow bands for SUMMAR lenses)	21.60
57,890 BELOS	Small Illuminating Lamp, with 25-watt lamp for direct connection (please state voltage)	9.00
	PHOTOMICROGRAPHIC ACCESSORIES	
58,300 MIOOP	Micro Adapter, for attaching LEICA Camera to draw-tube of microscope	3.90
58,310 MIKAS	Micro Ibso Attachment, for the LEICA Camera for use in taking photographs through the microscope. This attachment is equipped with a conical extension tube, with correction lens giving an initial magnification of 1/3x, Compur shutter, reflecting focusing magnifier. Periplan 10X eyepiece and two wire cable releases, complete in case	56.00+
58,320 AUTAS	Automatic Release, for Micro IBSO Attachment	7.20†
58,330 GHEF	Conical Extension Tube, with correction lens of 1/3x initial magnification of Micro IBSO Attachment	9.00†
58,333 GIIMW	Conical Extension Tube, with correction lens of 1/2x initial magnification, for Micro IBSO Attachment	12.00†
58,336 GIINK	Conical Extension Tube, with correction lens of 1x initial magnification, for Micro IBSO Attachment	16.50†
1	FILM AND SLIDE PRINTING APPARATUS	
59,000 ELDUR	LEICA Positive Printing Apparatus, for LEICA glass diapositives 50 x 50mm	16.80
59,010 ELDIA	ELDIA Printing Apparatus, for printing paper or film strips from LEICA negatives, complete with window for LEICA negatives	16.80
59,110 USTOL	Paper Slide Masks, aperture $24 \times 36 \mathrm{mm}$ , for use with standard $50 \times 50 \mathrm{mm}$ glass slides. One side is coated with a special tinfoil compound which deflects the heat from the lamp house and protects the slide from excessive heatper hundred	1.50

Cat. No. ar Code Wor		Price
59,120 ULSMA	LEICA (Medium) 50 x 50mm Lantern Plates, for black tones. Grade A glassper dozen	\$.44**
59,130 ULSOB	LEICA (Contrast) 50 x 50mm Lantern Plates, for black tones. Grade A glassper dozen	.44**
59,140 UGLAS	Cover Glass Plates, 35 x 120mm, for mounting three stereo pictures or three lantern slidesper hundred	3.30
59,150 UGLIT	Cover Glass Plates, 50x50mm, for glass positives, per hundred	2.55
59,155 LANCA	Case for LEICA Lantern Slides, capacity 100 slides, 50x50mm	1.95
59,160 UMASK	Black Paper Masks, 50 x 50mm with 24 x 36mm aperture	20
59,170 UMKLE	Gummed Paper, for glass positives, 250 ft. longper roll	.60
59,175 CELLU	Scotch Cellulose Binding Tape, black, 2592 in. per roll, ½ in. wide. (This type is opaque and makes a very smooth and attractive slide binding material.) Packed two rolls per can	2.05
<b>59,176</b> CERED	Scotch Cellulose Binding Tape, same as No. 59,175, but redper roll	2.05
	PROJECTION APPARATUS	
PROJECT	ORS MODEL VIII-S	
59,200 TUUDY	Projector VIII-S, with 250-watt Osram lamp, reflector, well ventilated easily detachable lamp housing, two internal removable condenser lenses Nos. 2 and 3, heat absorption filter, window shutter permitting reading or making notes in darkened auditoriums during projection, built-in tilting device enabling the projected image to be moved up or down, revolving front permitting the projection of vertical or horizontal pictures. This projector is also provided with external adjustments for correctly centering the lamp, and the distance of the carrier for the glass slide and film gates, from the lamp housing, can be altered, insuring maximum illumination. Also including external interchangeable condenser for 50mm LEICA lenses	60.00
59,205 TUOOD	Removable Slide Changer, for 50 x 50mm LEICA glass slides	4.80
59,210 TUUIO	Projector VIII-S, complete with Removable Slide Changer (Cat. Nos. 59,200 and 59,205) for use with 50mm LEICA lenses, but without lens.	64.80
59,212 TUUIO- UDAKI	Projector VIII-S, complete with Removable Slide Changer, same as Cat. No. 59,210, but with internal removable condenser lenses Nos. 1 and 2, and external interchangeable condenser for 73mm and 90mm LEICA lenses and 80mm and 85mm projection lenses	64.80
59,214 TUUIO- UBIKU	Projector VIII-S, complete with Removable Slide Changer, same as Cat. No. 59,212, but with external interchangeable condenser for 135mm LEICA lenses and 120mm and 150mm projection lenses	64.80
59,216 TUUIO- UUPMI	Projector VIII-S, complete with Removable Slide Changer, same as Cat. No. 59,212, but with external interchangeable condenser for 200mm LEICA lens and 200mm projection lens	64.80

Cat. No. and Code Word		Price
59,220 TUUEM	Removable Film Attachment, for LEICA positive film strips	\$12.00
59,224 TUUAK	<b>Projector VIII-S,</b> complete with Removable Film Attachment (Cat. Nos. 59,200 and 59,220) for use with 50mm LEICA lenses, but without lens	72.00
59,226 TUUAK- UDAKI	Projector VIII-S, complete with Removable Film Attachment, same as Cat. No. 59,224, but with internal removable condenser lenses Nos. 1 and 2 and external interchangeable condenser for 73mm and 90mm LEICA lenses and 80mm and 85mm projection lenses	72.00
59,228 TUUAK- UBIKU	<b>Projector VIII-S</b> , complete with Removable Film Attachment, same as Cat. No. 59,226, but with external interchangeable condenser for 185mm LEICA lenses and 120mm and 150mm projection lenses	72.00
59,230 TUUAK- UUPMI	<b>Projector VIII-S, com</b> plete with Removable Film Attachment, same as Cat. No. 59,226, but with external interchangeable condenser for 200mm LEICA lens and 200mm projection lens.	72.00
59,242 TUUMC- GLASS	<b>Projector VIII-S,</b> same as Cat. No. 59,234, but with projection lens Dimar f:4, 200mm focus and interchangeable condenser Cat. No. 59,292	119.40
59,244 TUURS	Projector VIII-S, complete with Removable Film Attachment, same as Cat. No. 59,226, but with projection lens HEKTOR f:2.5, 85mm focus	105.00
59,246 TUUPR	Projector VIII-S, same as Cat. No. 59,244, but with projection lens EPIS f:3.6, 80mm focus	94.80
59,248 TUUQE	<b>Projector VIII-S,</b> same as Cat. No. 59,244, but with projection lens DIMAX f:4.5, 120mm focus and interchangeable condenser Cat. No. 59,291	102.00
59,250 TUULP	<b>Projector VIII-S,</b> same as Cat. No. 59,244, but with projection lens DIMAR f:3.5, 150mm focus and interchangeable condenser Cat. No. 59,291	123.90
59,252 TUUMC	<b>Projector VIII-S,</b> same as Cat. No. 59,244 but with projection lens Dimar f:4, 200mm focus and interchangeable condenser Cat. No. 59,292	126.60
ACCESSO	RIES FOR THE PROJECTORS VIII-S	
59,260 TUUOD	Removable Slide Changer, for 50 x 50mm LEICA glass slides	4.80
59,262 TUUEM	Removable Film Attachment, for LEICA positive film strips	12.00
<b>59,264</b> UASKU	Interchangeable Mask, 18 x 24mm, for Removable Film Attachment, Cat. No. 59,262	2.10
59,266 TUUGN	Removable Gate, for 50 x 50mm glass slides with 3 x 4cm picture area	2.10
59,268 TNUUZ	Internal Removable Condenser Lens No. 3	3.90
59,270 TRPUU	Internal Removable Condenser Lens No. 1	3.90
59,272 TUUNQ	Extension Tube, for using the 200mm, TELYT lens on the Projector VIII-S	9.60

Cat. No. and		
Code Word		Price
59,280 UFEDU- UZUUS	Projection Lens, HEKTOR f:2.5, 85mm focus, with focusing mount	\$33.00
59,282 BEUUY- UZUUS	Projection Lens, EPIS f:3.6, 80mm focus, with focusing mount	22.80
59,284 UPEOB- UZUUS	Projection Lens, DIMAX f:4.5, 120mm focus, with focusing mount	30.00
59,286 TUUBA	Projection Lens, DIMAR f:3.5, 150mm focus, with focusing mount and special lens front	51.90
59,287 TUUKB	Projection Lens, DIMAR f:4, 200mm focus with focusing mount and special lens front	54.60
59,288 DLUUW	External Interchangeable Condenser, for 50mm LEICA lenses	4.20
59,290 UDAKI	External Interchangeable Condenser, for 73mm and 90mm LEICA lenses, and 80mm and 85mm projection lenses	4.20
59,291 UBIKU	External Interchangeable Condenser, for 135mm LEICA lenses, and 120mm and 150mm projection lenses	4.20
59,292 UUPMI	External Interchangeable Condenser, for 200mm LEICA and projection lenses	4.20
<b>59,293</b> APUUM	Projection Lamp, tubular, 250-watt, for replacement	7.00*
<b>59,294</b> BUUMG	Low Voltage Projection Lamp, 250-watt, 50 volt NOTE: THIS LAMP CAN ONLY BE USED IN CONNECTION WITH A RHEOSTAT.	7.00*
<b>59,295</b> BPUU0	Rheostat, for Low Voltage Projection Lamp, Cat. No. 59,294, 250-watt, 50 volt, for 110 volt current	7.80
59,296 TOIUU	Carrying Case, for Projector VIII-S, with accessories	11.25
ELRUU	Projection Table, consisting of three tripod legs 70cm high. The platform can be tilted up or down so as to permit Projector to be used at an angle	13.80
	Projection Table, same as Cat. No. 59,297, but 130cm high	17.10
PROJECTO	R "STANDARD"	
UZISU	STANDARD Projector, for use with 50mm LEICA lenses only, complete with 100 watt projection lamps and gate for 50 x 50mm LEICA glass slides, without lens	33.00
59,299 J	Projection Lamp, 100-watt, 110-volt, for STANDARD Projector	2.00*

#### PROJECTORS MODEL UDIMO

NOTE: WHEN ORDERING ANY OF THE UDIMO PROJECTORS, IT IS NECESSARY TO SPECIFY THE CORRECT INTERCHANGEABLE CONDENSER WHICH IS REQUIRED. THE PROJECTORS ARE ALL LISTED WITHOUT THE

ø-Not in stock for immediate delivery.

Cat. No. and Code Word	INTERCHANGEABLE CONDENSERS NOS. 59,710 TO 59,745 AND ALSO WITHOUT THE ADDITIONAL FILM AND GLASS SLIDE ACCESSORIES WHICH ARE ALL LISTED SEPARATELY. WITH THIS LISTING, IT IS VERY EASY TO BUILD UP A PROJECTOR TO MEET ANY PROJECTION REQUIREMENTS.	Price
59,300 ŪDIMO	UDIMO 100 Projector, with standard 100-watt Projection bulb, reflector, two stationary condenser lenses of 52.5mm diameter, removable heat absorption filter, support for revolving front attachment, accommodates all UDIMO accessories interchangeably, with window shutter permitting reading or making notes in darkened auditoriums during projection, 8 ft. cord with switch and plug connections but without interchangeable condenser and attachments	\$45.00
59,330 UDAVI	Carrying Case, of non-warping wood, for carrying the UDIMO 100, No. 59,300 Projector and small accessories	9.00
<b>59,400</b> BDFUU	UDIMO 400 Projector, with standard 400-watt Osram projection bulb, special large lamp house, water-cooled type heat absorption filter; accommodates all UDIMO accessories interchangeably. This Projector is designed for large halls and auditoriums; for extra large screen images and natural color projection where the maximum of illumination is necessary. With window shutter permitting reading or making notes in darkened auditoriums during projection. Without interchangeable condenser and attachments	90.00
	THE FOLLOWING ACCESSORIES ARE INTERCHANGE- ABLE ON ALL UDIMO PROJECTORS:	
59,700 UKEDU	LEICA Film Attachment, for interchangeable use of LEICA lenses, removable fire-protection drums, film sliding gate with 24 x 36mm window	18.60
59,702 SERUU	LEICA Film Attachment, similar to No. 59,700, however equipped with special film drums of large capacity (20m film)	31.65
59,704 ATTAC	LEICA Film Attachment, with base tube, for the special DIMAX projection lenses Cat. Nos. 59,881, 59,883 and 59,885 with removable fire protection drums and film sliding gate with 24x36mm window for use on UDIMO Projectors Nos. 59,400 and 59,410	26.40
59,706 HMENT	LEICA Film Attachment, similar to Cat. No. 59,704, however equipped with special film drums of large capacity (20m film)	39.60
<b>59,710</b> BRUUM	Interchangeable Condenser, marked "5" for use with SUM-MAR, HEKTOR, and ELMAR 50mm lenses. For UDIMO-100 projectors	4.20
59,715 DLUUW	Interchangeable Condenser, marked "5" for use with SUM-MAR, HEKTOR, and ELMAR 50mm lenses. For UDIMO-400 and 750 projectors	4.20
59,720 UDAKI	Interchangeable Condenser, marked "7.3-8-9" for use with LEICA lenses HEKTOR 73mm, ELMAR 90mm, and special projection lens MILAR 80mm focus, for all UDIMO Projectors	4.20
59,730 UBIKU	Interchangeable Condenser, marked "10.5-12-13.5-15" for use with LEICA lenses ELMAR 105mm, ELMAR and HEKTOR 135mm, and special projection lenses DIMAX 120mm, and 150mm focus	4.20
59,745 UUPMI	Interchangeable Condenser, marked "20-25", for use with special projection lenses DIMAX 200mm and 250mm focus	4.20
		50

#### FILM AND GLASS SLIDE SLIDING GATES

Cat. No. and		
Code Word		Price
59,810 AFUUV	Film Sliding Gate, with window, for standard size 18 x 24mm	\$9.30
59,820 AKUUR	Glass Slide Sliding Gate, with round aperture of 43mm diameter for LEICA glass positives 50 x 50mm	1.50
59,830 AWUUE	Glass Slide Sliding Gate, with round aperture of 48mm diameter for positive 30 x 40mm, mounted between glass plates $50~\mathrm{x}~50\mathrm{mm}$	1.50
59,840 AGNUU	Glass Slide Sliding Gate, with square aperture of 24 x 36mm for LEICA positives, mounted between glass plates measuring 35 x 120mm  NOTE: ALL SLIDING GATES CAN BE USED IN THE FILM ATTACHMENTS NOS. 59,700, 59,702, 59,704 and 59,706 AND THE GLASS SLIDE ATTACHMENT NOS. 59,890 and 59,892.	1.50
59,850 UBECD	Extension Tube, (length 22mm) for UDIMO Projectors. This tube places LEICA lenses in position for projecting pictures at close distances for reading or enlarging purposes	1.80
59,860 UDOZU	Base Tube, for special projection lenses in which both the 80 and 120mm focus projection lenses can be used interchangeably. The tube is provided with thread so that it can be screwed into LEICA film attachments No. 59,700 and 59,702 and into glass slide attachment No. 59,890	5.40
59,870 UDAOB	Special Projection Lens MILAR, of 80mm focus, for use in conjunction with base tube No. $59,860$ in LEICA film attachments $59,700$ , $59,702$ and $59,890$ in all UDIMO projectors	16.50
59,880 UPEOB	<b>Special Projection Lens DIMAX,</b> of 120mm focus, for use in conjunction with base tube No. 59,860 in LEICA film attachments 59,700, 59,702 and 59,890 in all UDIMO projectors	26.40
59,880a ULEUF	Special Projection Lens DIMAX of 150mm focus with focusing mount for UDIMO projector No. 59,400. (This lens can be directly attached to LEICA film attachments Nos. 59,700, 59,702 or 59,890)	. 36.00
59,881 MAXIV	Special Projection Lens DIMAX, of 150mm focus for Projectors Nos. 59,400 and 59,410 for use on attachments Nos. 59,704, 59,706 and 59,892	30.00
<b>59,883</b> MAXTO	Special Projection Lens DIMAX, of 200mm focus for Projectors Nos. 59,400 and 59,410 with extension tube for use on attachments Nos. 59,704, 59,706 and 59,892	33.00
59,885 MAXAF	Special Projection Lens DIMAX, of 250mm focus for Projector No. 59,410 with two extension tubes for use on attachments Nos. 59,704, 59,706 and 59,892.  NOTE: THE SPECIAL PROJECTION LENSES DIMAX NOS. 59,881, 59,883 AND 59,885 DO NOT INCLUDE THE BASE FILM OR GLASS SLIDE ATTACHMENT. THEY CAN ONLY BE USED WITH ONE OF THE SPECIAL FILM OR GLASS SLIDE ATTACHMENTS NOS. 59,704, 59,706 AND 59,892.	36.00
UBAFE	Glass Slide Attachment, for interchangeable use of LEICA lenses, including sliding gate with window for 50 x 50mm glass positive slides	5.40
SLIDE	Glass Slide Attachment, with base tube for the special projection lenses DIMAX Cat. Nos. 59,881, 59,883 and 59,885, for the UDIMOS 400 and 750 only	12.60
59,900 UKLIB	Slide Changer, for LEICA glass slides 50 x 50mm, for use with Nos. 59,890, 59,892, 59,700 and 59,704	4.20

Cat. No. and Code Word		Price
59,910 AFLUU	Lower Plane Glass Plate, with window 18 x 24mm for inter- changeable use with the normal glass plate of the film slid- ing gate No. 59,700 for LEICA size (24 x 36 mm)	\$2.40
59,920 USNAL	Elevator Plate, (of metal) for tilting the Projectors Nos. 59,300, 59,400 and 59,410	1.65
ROJECTO	DRS UMINO	
60,000 UMINO	LEICA UMINO Projector, for use with single frame, double frame and 50 x 50mm glass slides, complete, including projection lens and 50-watt bulb, without case	45.00
60,005 UMELA	LEICA UMINO Projector, same as No. 60,000 but equipped with front elevator attachment No. 60,018	47.50
60,010 UMENA	LEICA UMENA Projector, same as No. 60,000, but including 100-watt projection bulb and heat absorption filter	47.50
60,015 UMATA	LEICA UMENA Projector, same as No. 60,010, but equipped with front elevator attachment No. 60,018	50.00
60,025 UMCAS	Leatherette Carrying Case, for UMINO Projector, with compartment for extra films or lamps	2.10
60,030 UMERN	Easel Desk Projection Screen, 16 x 16 in. with washable screen surface and cover	3.00
60,032 UMLED	Soft Leather Case, for Projection Screen No. 60,030	1.50
	ENLARGING APPARATUS	
60,300 VALOY	VALOY Universal Enlarger, for use with single frame, LEICA double frame and 3 x 4cm negatives, with lever for operating built-in pressure plate for holding negatives in flat plane, with 80cm upright pillar, 75-watt, 110-volt lamp, with thread permitting the use of LEICA lenses (XENON cannot be used), but without lens or easel (paper holder)	45.00
<b>60,312</b> VAROB	Special 50mm ELMAR Lens, with iris diaphragm, for use on all LEICA Enlargers. This lens cannot be used on the LEICA camera	30.00
60,320 FYLTO	Orange Filter, for VALOY enlarger, to enable negative to be focused directly on sensitive paper	7.80
	FOCOMAT Enlarger, MODEL I. With automatic focusing control which focuses the lens fully automatically at any magnification from 2 to 10 diameters, for enlarging LEICA negatives and other miniature negatives of 18 x 24mm up to 4 x 4cm in size. Through adjustment by hand a magnification up to 15x can be obtained. Supplied with baseboard, 16 x 21 in.; adjustable focusing clamps for various settings when using films singly or in strips. LEICA 50mm (except XENON) lenses may be used. Adjustable lamp base, complete, with 75-watt, 110-volt lamp, metal masking plate for double frame negatives, lamp housing, metal upright pillar 80cm height, threaded focusing mount for receiving lens, but without lens and enlarging easel.	75.00
60,452 VUT00	FOCOMAT Enlarger, similar to No. 60,450, however, equipped with baseboard 22 x 25.5 in. and upright measuring 120cm.	
60,470 VAROB	without lens and enlarging easel	96.00
	camera	30.00
60,471 FYSTY	Orange Filter, for FOCOMAT Enlargers No. 60,450 and No. 60,452	6.30

# INTERCHANGEABLE ACCESSORIES FOR VALOY, VAMAX AND FOCOMAT MODEL 1 ENLARGERS

Cat. No. and Code Word		Price
60,472 VALAU	Slip-on Ring, for operating the iris diaphragm for LEICA ELMAR 50mm lens when used in any enlarger	\$2.70
60,476 VAZEL	Metal Guiding Plate, with double glass negative holder, for single LEICA negatives	2.10
SPA	RE LAMPS AND ACCESSORIES FOR PHOTOFLOOD LAMPS	
60,840 VOBIT	<b>Special Diffusing Condenser</b> for use with the Enlargers Nos. $60,300,\ 60,450$ and $60,452$ when employing Photoflood bulbs	4.80
60,845 VORYM	Special Ventilating Ring, for use with Enlargers Nos. 60,300, 60,450 and 60,452 when employing Photoflood bulbs	4.80
60,850 RHEOS	Photoflood Rheostat Control, for controlling illumination in enlarger when using Photoflood lamp. Dial calibrated from "0" to "100" giving percentage of brilliancy. Operates on either A.C. or D.C. 110-volt current. Conforms to all specifications of Fire Underwriters' Board. Complete, ready for use	7.50
	The Photoflood lamps can only be used in connection with the Special Diffusing Condenser No. 60,840. This condenser is placed inside of the illuminating head on top of the regular illuminating condenser. The Photoflood Bulb always requires the use of the special Ventilating Ring No. 60,845 which is placed between the upper and lower hemispheres of the lamp housing.	
	ENLARGER EASELS AND ACCESSORIES	
61,310 FELIS	Enlarging Easel, for VALOY Enlarger. For paper sizes up to 8 x 10 in., with metal masking bands. Maximum picture area $6\frac{1}{2}$ x $8\frac{1}{2}$ in.	13.50
61,320 FELUK	Enlarging Easel, for VALOY Enlarger. For paper sizes up to 11 x 14 in., with metal masking bands. Maximum picture area 9 x 11 in.	16.20
<b>61,323</b> FPY00	Enlarging Easel, with grooves at lower surface for attaching to the baseboard clamp of FOCOMAT Enlargers Nos. 60,450 and 60,452 paper sizes up to 11 x 14 in., with metal masking bands, maximum picture area 9 x 11 in	18.00
61,326 FSOOT	Enlarging Easel, for paper sizes up to 16 x 20 in., with metal masking bands. Maximum picture area 13 x 17 in., for Enlarger No. $60,452$	48.00
61,350 VEKIP	Metal Bracket, with step arrangement, for holding enlarging easel in tilted position to overcome distortion in negative	1.20
61,352 ZRIOO	Distortion Eliminating Device, for the elimination of objectionable distortion in the negative, when making enlargments. When the camera is tilted distortion is produced in the negative. The shorter the focal length of the lens the greater is the amount of such distortion. This can be corrected in printing by tilting the negative in the enlarger, and the Distortion Eliminating Device enables this to be done. This device can be used in conjunction with Auxiliary Baseboards Nos. 61,353 and 61,354, or Metal Bracket with step arrangement No. 61,350, which allow the easel to be tilted, enabling greater correction. The Distortion Eliminating Device consists of a frame which can be inserted into the film carrier of Enlargers Nos. 60,300, 60,450, and 60,452. A hinged double glass plate negative carrier which holds the negative is held in position by two clips on the	

Glass Plate Negative Carrier, 3.5 x 12cm. for holding LEICA negatives in Enlargers Nos. 60,300, 60,450, 60,452 and the

former FILOY Enlarger ...

61.390

VOOMD

1.80

# LEICA LITERATURE

LEICA PHOTOGRAPHY, monthly publication issued free of charge to all LEICA owners who have registered their camera with us and at \$1.00 to non-LEICA owners, \$2.00 yearly subscription to all others outside the United States. Edited by Augustus Wolfman.

The following books are obtainable from all photographic dealers or direct from E. Leitz, Inc.:

63,010 LIMAN	"The LEICA Manual", a book for the amateur and professional LEICA worker, edited and published by Willard D. Morgan and Henry M. Lester. Contributed chapters by over twenty experts in various branches of LEICA photography; over 500 pages containing the most complete information covering the field of LEICA photography; cloth binding; profusely illustrated	\$4.00
63,015 ANUAL	"The LEICA Annual, 1937", edited by Henry M. Lester. Contains 160 outstanding LEICA photographs, spiral bound	3.00
63,020 MITRI	"How to Use Your Candid Camera", by Ivan Dmitri, illustrated with about 70 photographs, cloth bound	3.50
<b>63,030</b> GALRI	"Perspective As You Please", by Dr. Alfred Grabner, 25 pages, profusely illustrated. A book explaining the detailed uses of lenses of various lengths "Developing, Printing and Enlarging LEICA Pictures", by Willard D. Morgan, 60 pages, paper covered, illustrated	.60
	"The LEICA in Science", by W. D. Morgan, 68 pages, paper covered, illustrated	.25

Back Cover Composition: Photographs on the following page are the work of LEICA photographers: Alan Mowbray, Dr. Charles Proctor, Ivan Dmitri, Hans Kloss, Earle B. Perkins, Tom Evans, M. G. M. Studios, Michael Helkin and Peter Stackpole.

Now that you have looked through this booklet there are probably many questions which have occurred to you regarding the LEICA and how it will help you solve your photographic problems. We have many booklets and pamphlets which go into various phases of LEICA photography and if you will outline just what you would like to know you will find that our service department will give you a prompt, complete answer.

