

# WILSONWERKS ARCHIVES

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## Universal Application of the Leica-Meter

The Leica-Meter is designed in such a way that it can be used to slip into the range-viewfinder clip of practically all modern types of cameras.

The shoe has standard dimensions. However, sometimes the rangefinder clip on the camera is a little large or small so that the Leica-Meter does not fit properly. Any repair man can adjust this by pressing the rangefinder clip together.

Now your equipment can be completely Leica with the addition of the Leica-Meter. One more way to make better pictures easier with your Leica.

Complete unit—meter, supersensitive element, and two leather cases, attractively packaged,

*only* \$24.00

# Making *Leica-Meter* Exposures



**E. LEITZ, Inc.**

468 Fourth Avenue

New York 16, N. Y.

## Features of the Leica-Meter

**Maximum safety against Shock**, through spring-loaded microammeter.

**Utmost simplicity.** Positive pointer setting without drag. Elimination of transfer of scale values to a computer.

**Narrow Viewing Angle.** Smaller than the image angle of standard camera lenses; therefore more emphasis on the subject.

**Rapid Measurement** of exposure time and diaphragm opening by means of channel scale and automatic computation of film sensitivity.

**Greater Measurement by Means of Three Measuring ranges**

- (a) 60 sec. to 1/1000 sec. with supplementary supersensitive element.
- (b) 4 sec. to 1/1000 sec. without supplementary supersensitive element, at f:8 and film sensitivity ASA 24. Equal accuracy by overlapping of the measuring ranges for all values.  
Accurately sub-divided ASA, Weston and DIN scales.

**Special light-sensitive element**, coated and color corrected.

**Smaller and lighter than all** existing exposure meters:

- weighs approximately  $4\frac{1}{2}$  oz. (total)
- meter dimensions:  $2\frac{1}{8}'' \times 1\frac{3}{8}'' \times 1\frac{1}{16}''$
- supersensitive element:  $2\frac{1}{4}'' \times 1\frac{3}{4}'' \times 5/16''$

**Satin-Chrome Metal Finish**

**Universal.** For use in the accessory clip of the Leica. Can be used on or off the camera.

## Principle of the Leica-Meter

The reflected light from the object passes through a window and a light channel to the surface of a Selenium cell which transforms the incoming light energy into electrical energy. The latter is indicated by a built-in microammeter. Two measuring ranges are obtained by a baffle arrangement which is built into the light channel.

Contact Slider  
for  
supersensitive  
element

Baffle lever



The light channel permits an angle of view for both measuring ranges which is considerably smaller than the field of view of standard camera lenses, which permits particularly accurate measurement, since only the important parts of the subject are used for the measurement.

The photo-electric cell, specially coated, records true-color values.

*A special spring arrangement makes the measuring element of highest electrical sensitivity immune to mechanical shocks.*

## Supersensitive Element

For measurements under extremely weak light conditions, a supplementary supersensitive element can be inserted into the contact slider.

The light sensitivity is thereby increased 16x. The supersensitive element has a diaphragm consistent with the angle of view in order to eliminate undesirable side light.

The supersensitive element is used only when light conditions are such that pictures can no longer be taken by hand even though films of highest sensitivity and lenses of maximum aperture are employed.

