


GOSSEN®

Luna-Pro®



GOSSEN LUNA-PRO



System of Interchangeable Accessories

A built-in spring-loaded latch locks each attachment firmly to the Luna-Pro, expanding its performance capabilities. Available are — Variable Angle, Microscope, Fiber Optics Probe, Repro (Copying) and Enlarging Attachments.

The Gossen Luna-Pro is the proven world leader for sensitive, reliable exposure meters and is the basis of a broad exposure measuring system. Advanced design and excellent Gossen quality have made this meter the standard by which professionals and discerning amateurs alike determine

critical exposure values. The Gossen name is known throughout the world for its superb instrumentation quality and dependability.

A full system of interchangeable accessories expand the measuring capabilities of this fine instrument into all

areas of photography, exceeding even the most demanding professional requirements encountered on location, studio, darkroom and laboratory assignments.

The Gossen Luna-Pro is your key to better and more creative photography.

FEATURES

Wide Measuring Range

The Luna-Pro has a sensitivity range that far exceeds professional requirements under the most diverse light conditions in daylight, in the studio and under demanding existing light situations. It features two measuring ranges — high and low. The high range measures illumination from 32,000 down to 32 footcandles; the low range from 32 to 0.016 footcandles. These ranges allow measurements of light from moonlight to the brightest sunlit scene.

Reflected and Incident Reading

The capabilities of the Luna-Pro are expanded by the ease with which it can be switched from reflected to incident reading. A built-in spherical diffuser slides in front of the measuring window to determine the strength of light

reaching the subject. This measuring method is preferred by many professionals.

True Integration

The Luna-Pro's spherical diffuser is designed to give full integration of incident light from all directions. The exact exposure for all the light falling on the subject can easily be determined with this precise meter, and no correction or calculations are necessary when changing from incident to reflected light readings.

Lock-In Readings

Readings on either range are automatically locked in and held for later reference or for working in areas where the meter face cannot be seen.

Battery Check

With normal use, the mercury batteries supplied with the Luna-Pro have a lifespan of about two years. The battery check will indicate when it is necessary to change batteries.

Zero Adjustment

An adjustment for mechanically zeroing the meter is provided for assuring ultimate precision through calibration.

Durable Ever-Ready Carrying Case and Strap

All Luna-Pro Exposure Meters are supplied with a durable ever-ready carrying case which provides protection for the meter, and allows instant accessibility for one hand operation. A sturdy neck strap is also supplied.

Variable Angle Attachment for Luna-Pro

1A. For reflected light readings, the normal measuring area of the Luna-Pro corresponds to a light acceptance angle of 30°. When using the variable angle attachment this angle can be reduced to either 15° or 7.5°. The small measuring area permits accurate measurements for exposures with telephoto lenses and selective readings of various parts of the scene or subject when normal lenses are used.

1B. When using the Variable Angle Attachment, the 7.5° and 15° areas being measured are visible through a marked reflex viewer with bright aerial imaging.

Microscope Attachment for Luna-Pro

2. The Microscope Attachment utilizes the Luna-Pro measuring sensitivity for convenient and reliable exposure measurement when taking photomicrographs. The Microscope Attachment fits the ocular tube of most microscopes for exact exposure determination, and is useful in measuring light intensity for fluorescent microscopy.

Repro [Copying] Attachment For Luna-Pro

3. With the Repro Attachment on the Luna-Pro, it is possible to obtain exposure values of flat copy such as paintings, documents, and photographic prints.

The illumination on the copy board can be measured for evenness of various points of the material to be copied. It can also be reversed for measurements of light transmitted through slides or other translucent material being copied.

Enlarging Attachment for Luna-Pro

4. The Enlarging Attachment will help eliminate guesswork in darkroom printing. It determines contrast range and correct exposure time by measuring the projected image on your enlarger easel. After calibrations for paper speed, direct readings of aperture and exposure time are possible, resulting in savings of time and material.

Fiber Optics Probe Attachment

5. With the flexible Fiber Optics Probe Attachment on the Luna-Pro, measurements can be made in many areas which are usually inaccessible with an exposure meter. It is especially suitable for macrophotography [A], groundglass measurements [B], density measurements on negatives or transparencies, and for luminous density measurements.



1A.



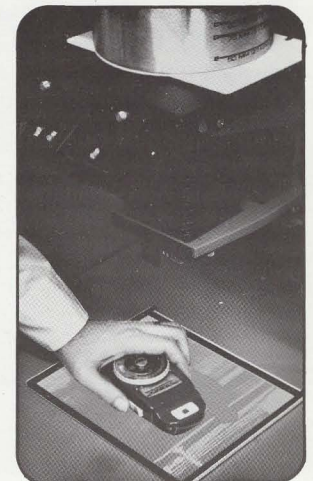
1B.



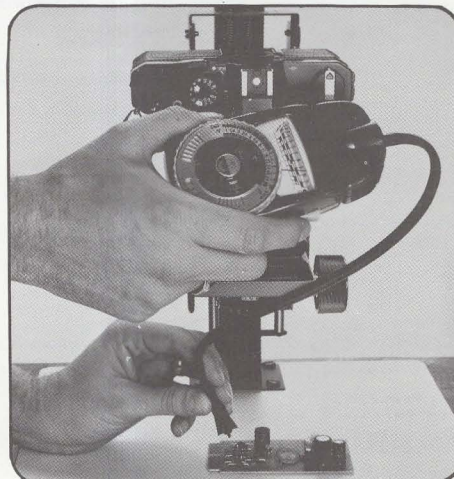
2.



3.



4.

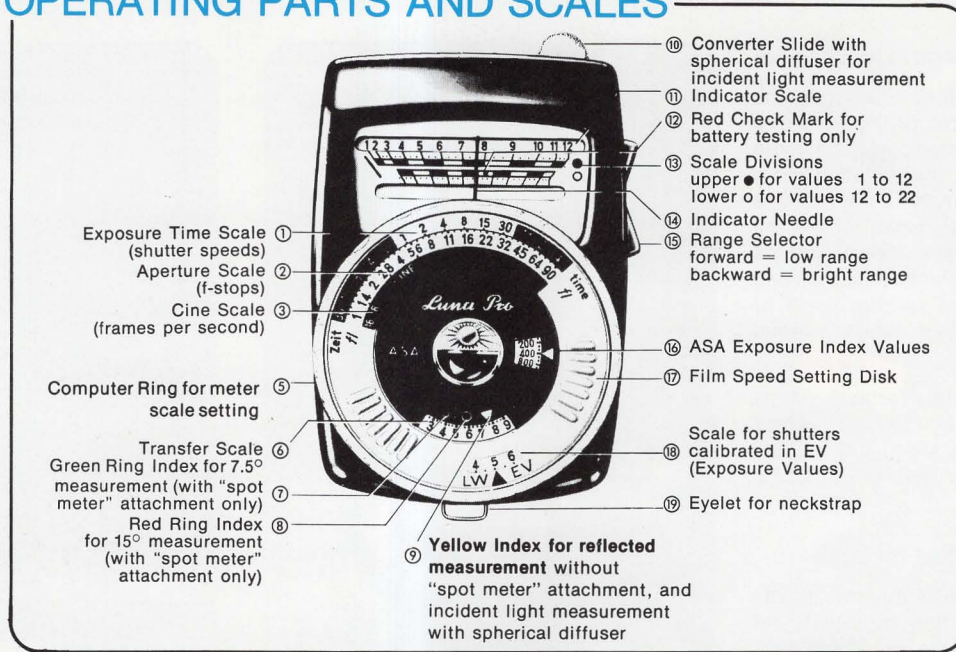


5A.



5B.

LUNA-PRO OPERATING PARTS AND SCALES

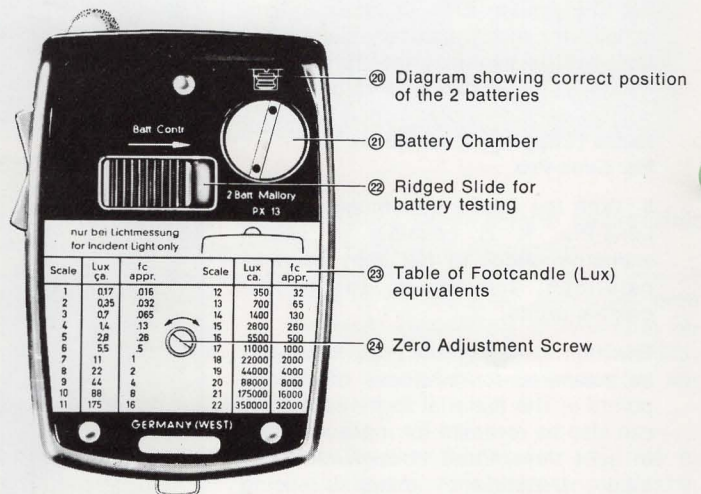


SPECIFICATIONS

Type of Photo Cell CdS Cell
 Angle of Coverage 30° Reflected 180° Incident
 Sensitivity016 to 32,000 footcandles in two ranges
 Power Source 2 PX-13 batteries or equivalent
 Weight 7 oz.
 Dimensions 2-5/8"x1-1/4"x4"
 Film Speed ASA 0.8 to 25,000

Scale Ranges

Cine Range 8 to 128 fps
 Exposure Value Range -8 to +24
 Shutter Speeds 1/4000 sec. to 8 hours
 Lens Aperture f/1 to f/90



The back of the meter has a footcandle and Lux value scale corresponding to the Luna-Pro readings obtained by the incident light measuring method. The footcandle table can be of practical value for measuring direct light. However, the Luna-Pro should not be considered a footcandle meter as footcandles should be measured only by means of a flat disc measuring probe.

If you require precision footcandle measurements, consider the Gossen Panlux Footcandle Meter.

Prices and Specifications subject to change without notice.

**GOSSEN DIVISION
BERKEY MARKETING COMPANIES**

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