



GOSSEN

SUPER PILOT[®] SBC



The Name "Gossen" Is Your Assurance of Quality

The Super Pilot SBC is a product of GOSSEN GmbH, Erlangen, West Germany — manufacturers of high precision electrical instruments since 1919, and one of the outstanding pioneers in the design of exposure meters.

Many millions of Gossen exposure meters are in use all over the world, giving their owners reliable service year after year.

The new Super Pilot SBC continues the Gossen tradition of advanced design, versatility and reliability.

Key Features

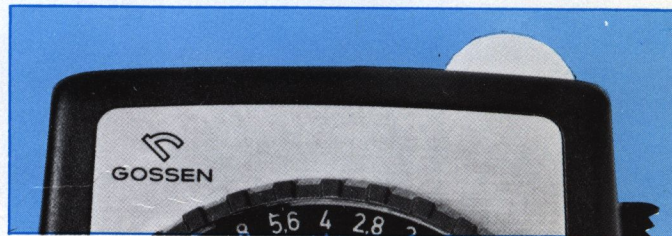
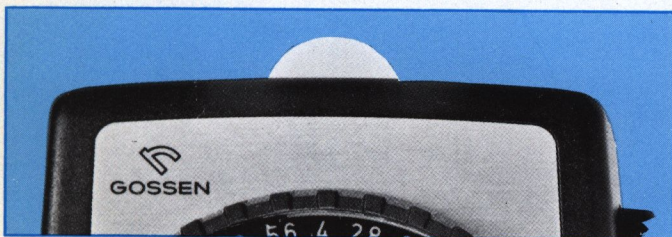
- Silicon Blue Cell (SBC) sensor for immediate response to changes in light conditions.
- Incident and reflected light measurements made easily and conveniently without added adjustments.
- Extended light measurement range featuring high and low scales for greater precision.
- Convenient needle lock built into on/off switch.
- Battery check to insure adequate power from long-life mercury batteries.
- Zero Adjustment for precise alignment of meter needle.
- Reference scale for footcandle and zone system measurements.
- Separate built-in scales for separate cine and still measurements.
- Professional matte black finish



Incident or Reflected Light Measurement

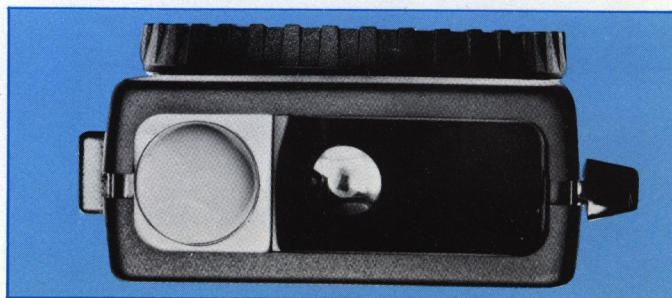
The Gossen Super Pilot SBC is instantly convertible from reflected to incident light measurement. For incident light reading, a built-in spherical diffuser slides in front of the silicon blue cell's window to measure the light illuminating the subject. For reflected light reading, the diffuser is simply slid away from

the cell window, and a reading taken. No other adjustments are necessary when changing from one method to the other. With a mere turn of the computer ring to align a follow pointer with the meter needle, the calculator dial instantly shows all applicable exposure information for direct read-out.



Silicon Blue Cell Sensor

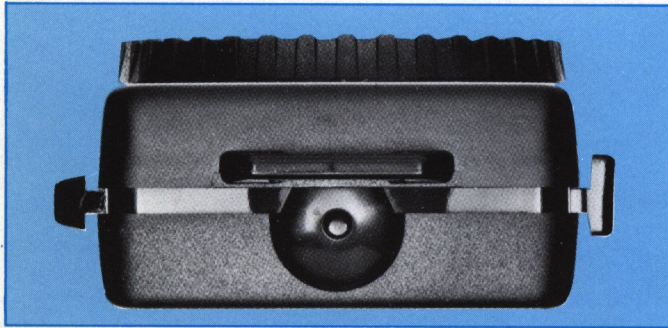
The silicon blue cell used in the Gossen Super Pilot SBC has important advantages over other types of photo detectors used in conventional meters. Alternate readings of high and low level may be made in quick succession with great accuracy. Response time, even at low light levels, is virtually immediate, thus eliminating possible errors caused by too short a measuring time or "memory lag."



Extended Light Measurement Range High/Low Switch

For maximum versatility and precise measurements at any light level, the Gossen Super Pilot SBC provides a dual measuring system combined with a high/low range selector switch. The high range measures illumination from 32,000 to 32 footcandles; the low range from 32 to .065 footcandles. From brightest sunlight to candle light! Each range uses the full width of the 1½" indicator window, thus actually providing a wide 3" indicator area for very precise measurements from highest to lowest light levels. A simple selector switch lets you set the appropriate range, while large, easily visible signals tell you when to switch from one range to the other.

Battery Check



With normal use, the mercury batteries supplied with the Super Pilot SBC have a life span of about two years. By depressing the battery check button at the base of the meter, you may check battery conditions occasionally. As long as the meter needle aligns with an indicator mark during the battery test, you know that there is enough energy in the battery for precise measurements.

Needle Lock

You can make light measurements with the Super Pilot SBC even when you cannot see the indicator window. This may occur during measurements in very low light situations or when you measure overhead, for instance. The meter is activated by partially depressing the on/off switch; if the switch is fully depressed, the meter needle will lock the reading in place with an audible "click." You can lock the needle within either range and thus hold the reading until you can conveniently adjust the computer ring to obtain the applicable exposure information.

Zero Adjustment

In order to assure precise, consistent readings, the meter needle must come to rest at the zero line of the indicator window when the on/off switch is not depressed. If necessary, the needle can easily be aligned accurately by turning a slotted zero adjustment screw on the back of the meter.

Index for Footcandle Measurement And Zone System Technique

For convenience in measuring footcandles, or employing zone system techniques, the Super Pilot SBC has a triangular mark at f/8 on the aperture scale. By using this mark and referring to the table on the back of the meter, footcandle approximations can be made.

When obtaining critical exposure measurements, some photographers prefer to evaluate scene brightness by the "zone system" where individual parts of a scene must be measured before final exposure determination is made. With the Super Pilot SBC, the index mark at f/8 becomes a reference exposure and by simply reading highlight and shadow light levels, a scene's contrast range can be determined.

Specifications

Type of Photocell Silicon blue cell
Angle of Coverage 30° Reflected 180° Incident
Sensitivity065 to 32,000 footcandles
Power Source 2 PX-13 batteries or equivalent
Weight 3.9 oz. (incl. batteries)
Dimensions 4"x2-3/4"x1-1/4"

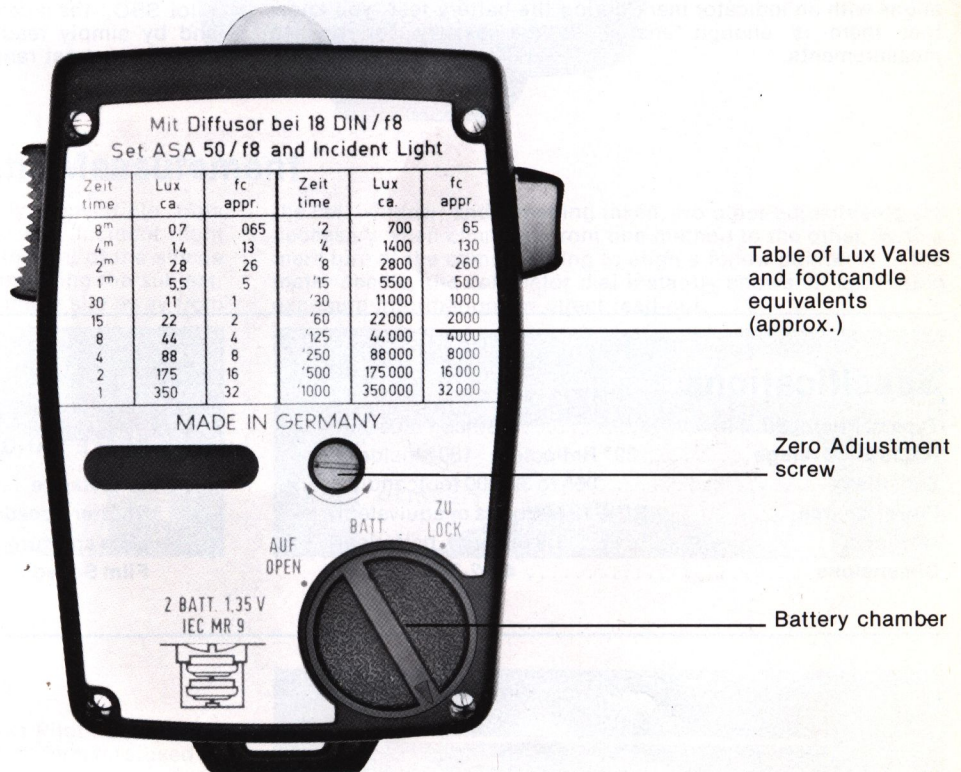
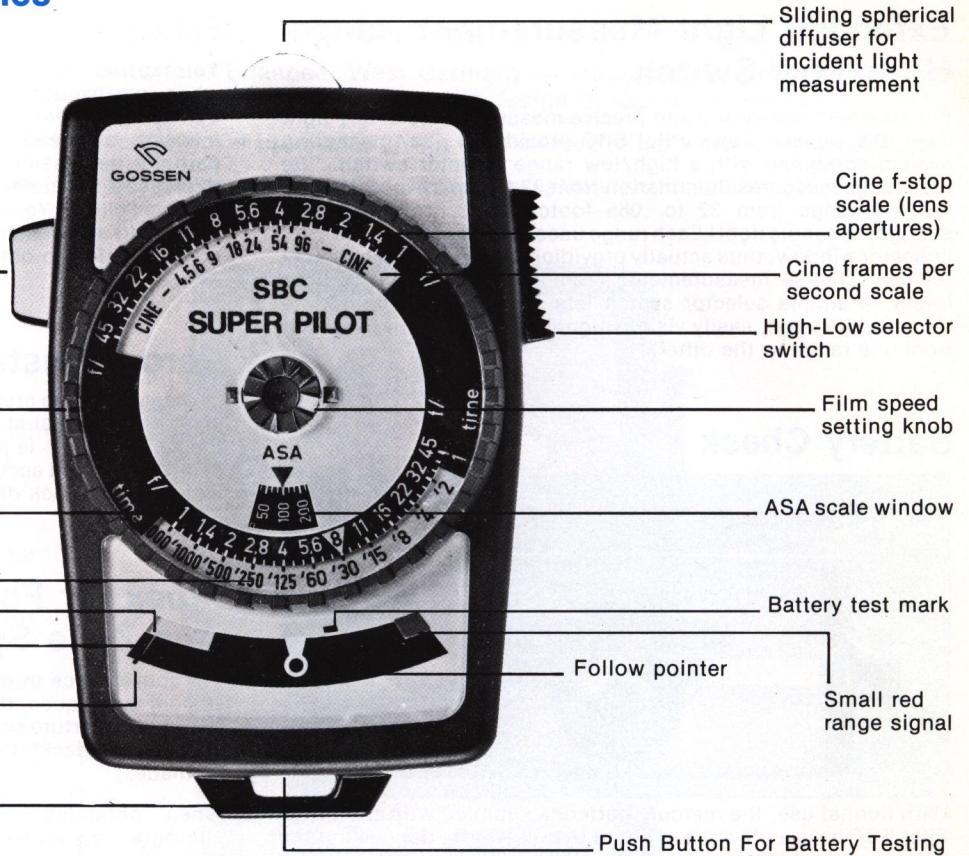
SCALE RANGES

Cine Range 4.5 to 96 frames per second
Shutter Speeds 1/2,000 sec. to 2 hours
Lens aperture f/1 to f/45
Film Speed ASA 6 - 12,500

A favorite of discriminating photographers for many years, the Gossen Super Pilot has become widely known for its many superb qualities: Broad measuring range; high sensitivity; accuracy and proven results under a great variety of demanding conditions.

Now in the new Super Pilot SBC, thanks to the most advanced technology, Gossen offers an even finer exposure measuring instrument! The newest Silicon Blue Cell sensor, designed to provide fast response even at low light levels with freedom from "memory" effects, further enhances this already outstanding meter.

Operating Parts and Scales



Prices and Specifications subject to change without notice.

**GOSSEN DIVISION
BERKEY MARKETING COMPANIES**

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