

GOSSEN[®] Multi-Pro



Cat. No. 130-045

Multi-Pro Introduction

The Gossen Division of Berkey Marketing Companies is proud to announce the introduction of the Multi-Pro Light Meter. Featuring digital readout of both flash and continuous light, the versatility of the Multi-Pro is further enhanced by the meter's compatibility with all of the standard Luna-Pro System accessories.

The Multi-Pro can take flash readings with or without a sync cord and measurement times corresponding to shutter speeds of 1/60th, 1/125th, 1/250th second can be chosen. Both flash and ambient light will be simultaneously measured when a flash reading is taken. The meter readout will indicate the appropriate exposure settings as well as the difference in f-stops between the flash and continuous light. This is an extremely useful feature when using fill-flash and measuring flash to daylight ratios. For multiple flash work, only one flash need be measured. Based on that reading, the desired working aperture is selected, and the meter will automatically calculate the number of flashes necessary to reach that desired aperture. There's no need to fire the flash multiple times in order to measure multiple flash.

For ambient light measurements, the Multi-Pro can supply readouts by either aperture/shutter speed combinations or exposure values (EV). When using the aperture/shutter speed readouts, the Multi-Pro enables the preselection of a working aperture or working

shutter speed – aperture priority or shutter priority modes.

Once a reading is taken, not only is the preselected aperture or shutter speed displayed, but all other valid combinations of aperture and shutter speed can also be easily read. In addition to the convenience of the Multi-Pro digital readout, a moving bar graph display is provided to visually indicate range of light levels in the scene. This range extends from -4 to +4 stops of the primary measurement. In addition to the scene brightness range reading capability, the Multi-Pro can average up to 15 separate readings.

When using filters, compensating for bellows extension or using the additional accessories, the Multi-Pro is capable of measuring the necessary exposure correction factors. To further simplify, the appropriate exposure correction factor can then be set into the meter's memory.

To optimize the Multi-Pro's ease of use, all measurements can be made one-handed. And as with all other Gossen photographic light meters, incident and reflected readings are possible without the use of accessories. Operation of the meter is powered by a universally available 9 volt transistor battery and battery check is automatic, so the user need never worry about low battery conditions.

Key Features

Flash Readings

- Choice of four measuring times – 1/60th, 1/90th, 1/125th, 1/250th second
- Computation of multiple flash
- Easy evaluation of flash to daylight ratio
- Operation with or without sync cord

Continuous Light

- Aperture priority or shutter speed priority readings
- Readout in EV or aperture/shutter speed combination
- Scene brightness range readings
- Average up to 15 readings

General

- Incident or reflective readings without accessories
- Instantaneous digital readout to 1/10th stop
- Direct photometric readings in lux without accessories
- Automatic battery test
- Automatic circuit check of micro processor
- Two silicon photo diodes
- Full compatibility with Luna Pro Accessory System

Technical Specifications

Measuring Ranges:

Ambient Light EV -2 to +18 at ISO 100
Flash f2.8 to f45 at ISO 100
Lux Range 0.680 to 710 000 lx

Indicating/Display Ranges:

Film Speed 1 to 800 000
Apertures f0.7 to f90 9/10
Shutter Speeds 1/8000 sec. to 8 hours
Exposure Values EV -9.9 to 99.9

Other Data:

Flash Sync Times 1/60, 1/90, 1/125, 1/250
EV Corrections -7.9 to +7.9
Extension Factors 1.0 to 239
Duration of Readout 2 minutes
Storing Input or Measured Values in Memory Until cancelled deliberately
Readiness for Flash Measuring 45 seconds
Contrast Reading in a Range of Sensitive Elements +4 stops (in 1/2 stops)
Sensitive Elements Measuring Angle 2 silicon photodiodes (sbc)

Measuring Angle:

Continuous Light 30° reflected light mode
Flash 20° reflected light mode
Continuous Light and Flash 180° incident light mode
Power Source 9 Volt (IEC 6F22)
Dimensions 2 5/8" x 3 3/8" x 1"
Weight 7 oz. (with battery)

Gossen Division

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