

**SEKONIC**

***Improving on Perfection***

**NEW**

***FLASHMATE  
L-308S***

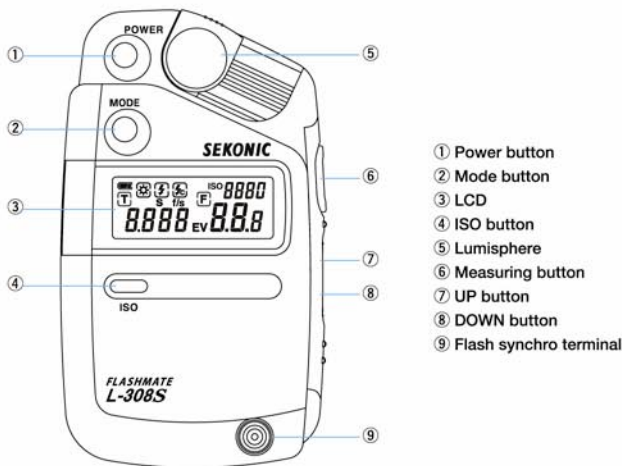


**Small, lightweight and new improved features offer today's film and digital photographers that accuracy and reliability that they demand.**

## Small and Light flash and ambient exposure meter, comfortable one hand operation.

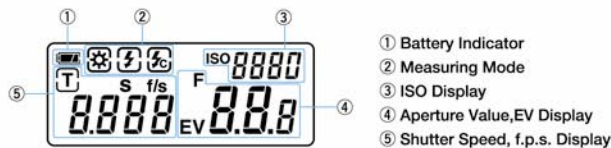
- Full, 1/2 or 1/3 step selectable readings to match your digital or film camera
- Built-in sliding Lumisphere provides easy changeover from incident to reflected light measuring; Lumidisc provided for contrast measuring
- Cord or cordless flash measuring
- LCD panel provides large clear display of measured exposure data, set mode, ISO, and battery indicator
- Energy efficient AA battery operation
- Supplied with Lumidisc, case, strap and battery

### Parts Name



- ① Power button
- ② Mode button
- ③ LCD
- ④ ISO button
- ⑤ Lumisphere
- ⑥ Measuring button
- ⑦ UP button
- ⑧ DOWN button
- ⑨ Flash synchro terminal

### LCD SCREEN



- ① Battery Indicator
- ② Measuring Mode
- ③ ISO Display
- ④ Aperture Value, EV Display
- ⑤ Shutter Speed, f.p.s. Display

### TECHNICAL DATA/L-308S

|                             |  |
|-----------------------------|--|
| Type                        | Digital exposure meter for ambient and flash light   |
| Light receiving method      | Incident light and reflected light   |
| Light receiving section     | Incident light: Lumisphere, Lumidisc<br>Reflected light: Lens (light receiving angle of 40°)   |
| Light receptor              | Silicon photo diode  |
| Measuring modes             | Ambient light: Shutter priority metering<br>EV metering<br>Flash light: With synchro cord<br>Without synchro cord  |
| Measuring range (ISO 100)   | Ambient light: EV0 to EV19.9<br>Flash: iF1.4 to F90.9  |
| Repeat accuracy             | ±0.1 EV or less  |
| Calibration constant        | incident light metering: C=340 (Lumisphere), C=250 (Lumidisc)<br>Reflected light metering: K=12.5  |
| Display range               | Film speed: ISO 3 to 8000 (1/3 step)<br>Shutter speed:<br>Ambient light: 60 sec to 1/8000 sec (in 1, 1/2 or 1/3 steps)<br>Cine speed(f/s): 8, 12, 16, 18, 24, 25, 30, 32, 64, 128 (shutter angle: 180 degrees)<br>Flash: 1 sec to 1/500 sec (in 1, 1/2 or 1/3 steps) and 1/75, 1/80, 1/90, 1/100 sec |
| Aperture value:             | F0.5 to F90.9 (in 1, 1/2 or 1/3 step)  |
| EV (exposure value):        | EV-5 to EV26.2 (in 1/10 step)  |
| Other functions             | Out-of-range indication:<br>E.u (underexposure) and E.o (overexposure) warnings<br>Battery check indication with 3 level status icon<br>Auto power off (approx 4 min after last operation)<br>Custom setting   |
| Battery used                | Type-AA 1.5-volt battery (alkaline, manganese or lithium)  |
| Operating temperature range | 0°C to +40°C   |
| Storage temperature range   | -20°C to +60°C   |
| Dimensions                  | Approx 63W × 110H × 22D mm   |
| Weight                      | Approx 95g (battery included)  |
| Standard accessories        | Soft case, strap, Lumidisc, soft case for Lumidisc, synchro terminal cap, type-AA 1.5-volt battery   |

Features and specifications are subject to change without notice.

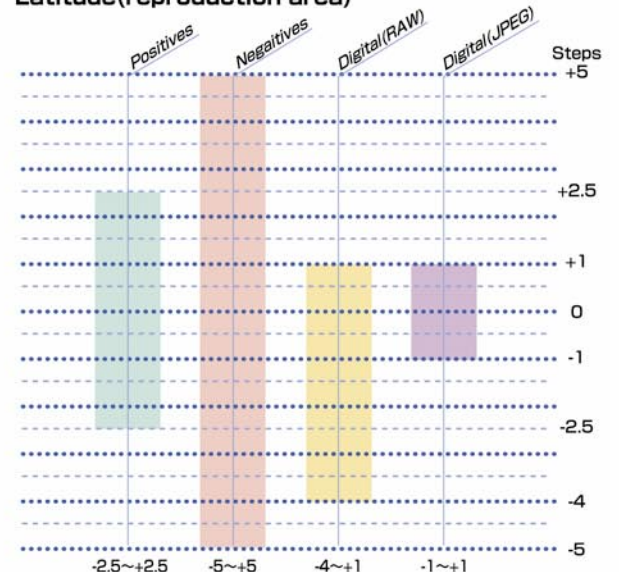
## Avoiding lost of highlight detail

In the conventional world of film, especially negative film over exposure was never a major problem. In fact many photographers intentional over expose for better contrast range.

Using the same approach to digital exposure today is disastrous. Over exposure with digital capture outside of the limits of the sensors capabilities cause each pixel to reach it's limit for capture and the exposure surpasses the limits of the sensor. The final result "White-Out" is lost of data in the highlight areas and possible blooming or fringing. This condition is significantly amplified by a narrow latitude sensor or when files are captured with compression files systems such as JPEG. Compared to the latitude of color negative film with a 10 step range from -5 to +5 from middle gray and color positive film with a 5 step range (-2.5 to +2.5). Digital capture offers a five step range from -4 to +1 when the image is captured in RAW mode. The range is significantly reduced and more critical when shooting in the faster more convenient JPEG mode.

Using a handheld meter such as the L-558 Dualmaster, offers a quick evaluation of the exposure in the lights and a better understanding of the contrast range of the lighting in the image. Working within the tolerance of the digital camera or digital capture back ensures the best exposure range and image quality in a fast and recognizable method.

### Latitude(reproduction area)



## SEKONIC CORPORATION

7-24-14, OIZUMI-GAKUEN-CHO, NERIMA-KU, TOKYO, 178-8686, JAPAN  
 TEL. ++81-3-3978-2335 FAX. ++81-3-3978-5229  
<http://www.sekonic.co.jp>