



## Reliable, Easy to Use, and Accurate

Check for proper indoor and outdoor light levels to comply with OSHA regulations

| ACCESSORIES |   |         |
|-------------|---|---------|
| 407001      | Data Acquisition Software                         | \$69.99 |
| 407001-USB  | USB Adaptor                                       | \$49.99 |
| UA100-240   | 100-240V AC Adaptor with 4 plugs (US, EU, UK, AU) | \$32.99 |

- 407001 Data Acquisition Software**
- Enables users of specific Extech meters to capture, display and store readings on a PC
  - Sampling time: 1sec - 60 mins
  - Import data into Excel
  - Includes Windows® 95/98/2000/NT/XP/7 compatible software and serial cable
  - Optional USB Adaptor – 407001-USB



### 401027 Pocket Foot Candle Light Meter

Measures up to 2,000Fc for basic lighting applications

- Easy to operate Foot candle light meter with 2 ranges
- Convenient pocket size design
- Over-range indication
- Complete with 9V battery, light sensor with protective cover and 45" (1.1m) cable, and built-in stand



### 401025 Foot Candle/Lux Meter

Includes analog output and fast/slow response feature

- Accurately displays light level in terms of Fc or Lux over three ranges
- Select fast (1 second) or slow (2 seconds) response time
- Analog output of 1mV per count for capturing readings to a recorder
- Complete with 9V battery, light sensor with protective cover and 47" (1.2m) cable, and built-in stand



### LT300 Light Meter

Digital and Analog display of light in Fc or Lux

- Wide range to 40,000 Foot-Candles or 400,000 Lux with high resolution to 0.01 Fc/Lux
- Relative mode indicates change in light levels
- Peak mode captures highest reading
- Remote light sensor on 12" (305mm) coiled cable — expandable to 24" (609mm)
- Utilizes precision photo diode and color correction filter
- Cosine and color corrected measurements
- MIN/MAX and Data Hold
- Large LCD display with analog bargraph
- Backlight for readings in low light levels
- Complete with 9V battery, light sensor with protective cover, protective holster, and pouch



### 407026 Heavy Duty Light Meter with PC Interface

Enhance accuracy by selecting one of four lighting types plus PC interface

- % displays differential from reference point
- "ZERO" Re-Calibration
- Enhance accuracy by selecting lighting type Tungsten/Daylight, Fluorescent, Sodium, Mercury
- MAX/MIN/AVG, Data Hold, and Auto power off
- Built-in PC serial interface with optional 407001 Data Acquisition software (see p. 114 for details)
- Complete with 9V battery, light sensor, and protective cover with 45" (1.1m) cable, and protective holster with stand. Optional 117V (156119) or 220V (156221) AC adaptors.



### SDL400 Light Meter/Datalogger

Datalogger date/time stamps and stores readings on an SD card in Excel® format

- Wide range: 10,000Fc/100kLux
- Cosine and color-corrected measurements
- Utilizes precision photo diode and spectral response filter
- Selectable data sampling rate: 1 to 3600 seconds (1 hour)
- Internal memory stores 99 readings manually
- Large backlit LCD
- Type K/J Thermocouple input
- MIN/MAX and Data Hold
- "ZERO" Re-Calibration
- Auto power off with disable function
- Complete with 6 x AA batteries, SD card, hard case & light sensor with protective cover; Optional Universal AC Adaptor UA100-240 also see p. 41 and 70 for optional Type K and J Thermocouple probes

| SPECIFICATIONS           | 401027 <sup>N</sup>                    | 401025 <sup>N</sup>                      | LT300 <sup>N</sup>                       | 407026 <sup>N</sup>                     | SDL400 <sup>N</sup>  | SPECIFICATIONS           |
|--------------------------|--|--|--|---|--|--------------------------|
| Fc Range                 | 200, 2000Fc                            | 200, 2000, 5000Fc                        | 40,000Fc                                 | 200, 2000, 5000Fc                       | 200, 2000, 10kFc   | Fc Range                 |
| Lux Range                | —                                      | 2000, 20000, 50000Lux                    | 400,000Lux                               | 2000, 20000, 50000Lux                   | 2000, 20k, 100kLux   | Lux Range                |
| Max. Resolution          | 0.1Fc                                  | 0.1Fc/1Lux                               | 0.01Fc/Lux                               | 0.1Fc/1Lux                              | 0.1Fc/1Lux   | Max. Resolution          |
| Basic Accuracy           | ±5% FS                                 | ±5% FS                                   | ±5% rdg                                  | ±4%FS                                   | ±4%rdg   | Basic Accuracy           |
| Temperature (Type J/K)   | —                                      | —  | —  | —                                       | J: -148 to 2192°F (-100 to 1200°C)<br>K: -148 to 2372°F (-100 to 1300°C) | Temperature (Type J/K)   |
| Cosine & Color Corrected | Yes                                    | Yes                                      | Yes                                      | Yes                                     | Yes  | Cosine & Color Corrected |
| Analog output            | —                                      | Yes                                      | —  | —                                       | —  | Analog output            |
| PC Interface             | —                                      | —  | —  | Optional 407001 Software (see p. 114)   | SD Card  | PC Interface             |
| Datalogging              | —                                      | —  | —  | —                                       | Manual: 99 readings<br>Continuous: Datalogs with 4GB SD card             | Datalogging              |
| CE approved              | Yes                                    | Yes                                      | Yes                                      | Yes                                     | Yes  | CE approved              |
| Dimensions/ Weight       | 5.2x2.8x1" (131x70x25mm)/ 6.9oz (195g) | 6.4x2.8x1.2" (163x70x30mm)/ 8.3oz (220g) | 5.9x2.95x1.57" (150x75x40mm)/ 7oz (200g) | 7x2.9x1.3" (178x74x33mm)/ 1.6lbs (726g) | 7.2x2.9x1.9" (182X73X48mm)/16.8oz (475g)                                 | Dimensions/ Weight       |
| Warranty                 | 1 year                                 | 1 year                                   | 1 year                                   | 3 years                                 | 3 years  | Warranty                 |
| Price                    | \$99.99                                | \$149.99                                 | \$169.99                                 | \$199.99                                | \$309.99   | Price                    |