

**WIDE RANGE LIGHT METER**  
0 - 400,000 LUX  
COSINE ANGULAR CORRECTED  
MAX., MIN. AND REL. FUNCTIONS  
DATA AND PEAK HOLD

MONARCH  
1335



CE

4000 Count Reading with instant Bargraph indication. Patented.

Order P/N 7807-0201

Model 1335 includes: Meter and Sensor with cover, Carrying Case and (6) AAA Batteries.

| SPECIFICATIONS     | MODEL 1335                                 |
|--------------------|--|
| Measuring Range    | 40/400/4K/40K/400K Lux or 40/400/4K/20K Fc |
| Accuracy           | ± 3% reading ± 5 digits                    |
| Resolution         | 0.01 Lux                                   |
| Display            | 3 1/2 Digit LCD + Bargraph                 |
| Sample Rate        | 1.3 times/sec. (digital)                   |
| Spectral Response  | C.I.E. Photopic                            |
| Repeatability      | ± 2%                                       |
| Sensor             | Silicon photo diode                        |
| Sensor Lead Length | 59 inches (150 cm)                         |
| Power              | (6) "AAA" Batteries                        |
| Environmental      | 32°F~104°F (0°C ~ 40°C) below 80% RH       |
| Dimensions (L,W,H) | 5.90 x 2.83 x 1.37" (150 x 72 x 35 mm)     |
| Weight             | 8.8 oz. (250 g)                            |

**DATALOGGING LIGHT METER**  
16,000 RECORD DATALOGGING  
MEETS C.I.E. PHOTOPIC CURVE  
MEASURE LUMINOUS INTENSITY (with software)

MONARCH  
1336



Real-time control by computer via RS-232 interface.

CE

Order P/N 7807-0202

Model 1336 includes: Meter with Sensor, Software, RS-232 Cable, Battery and Mini Screwdriver.

| SPECIFICATIONS          | MODEL 1336                                      |
|-------------------------|---|
| Measuring Range         | 20/200/2K/20K Lux<br>20/200/2K/20K Fc           |
| Accuracy                | ± 3% reading + 5 digits                         |
| Resolution              | 0.01 Lux  |
| Display                 | 3 1/2 Digit LCD                                 |
| Luminous intensity (cd) | Intensity = illuminance x (length) <sup>2</sup> |
| Spectral Response       | C.I.E. Photopic                                 |
| Record (Data logging)   | 16000 records                                   |
| Sensor                  | Silicon photo diode                             |
| Sensor Lead Length      | 59 inches (150 cm)                              |
| Power                   | (1) 9V Battery                                  |
| Environmental           | 32 ~104 °F (0 ~ 40 °C) below 80% RH             |
| Dimensions (LxWxH)      | 5.75 x 2.75 x 1.5" (146 x 70 x 39 mm)           |
| Weight                  | 10.6 oz. (300 g)                                |

**THERMO-ANEMOMETER**  
LOW/HIGH AIR VELOCITY  
TEMPERATURE  
ENGLISH AND METRIC UNITS

PROVA  
AVM-03



CE

Data and Max Hold. Detachable Vane Head.

Order P/N 7806-0201

PROVA AVM-03 includes: Meter, Vane Head, Battery and Latching Carrying Case.

| SPECIFICATIONS     |  | AVM-03   |            |             |
|--------------------|--|----------|------------|-------------|
|                    | Measurement                            | Range    | Resolution | Accuracy    |
| Air Velocity       | M/S                                    | 0.3-45.0 | 0.1        | ± 3% or 0.1 |
|                    | Knots                                  | 0.6-88.0 | 0.1        | ± 3% or 0.1 |
|                    | ft/min                                 | 60-8800  | 10         | ± 3% or 10  |
|                    | Km/hr                                  | 1-140.0  | 0.1        | ± 3% or 0.1 |
|                    | MPH                                    | 0.7-100  | 0.1        | ± 3% or 0.1 |
| Temperature        | °F                                     | 32-140   | 0.1        | ±1.5 °F     |
|                    | °C                                     | 0-60     | 0.1        | ± 0.8 °C    |
| Display            | Large 3 1/2 LCD                        |          |            |             |
| Operating Pressure | 500 mB- 2 bar                          |          |            |             |
| Power              | (1) 9V Battery                         |          |            |             |
| Dimensions         | 6.6 x 3.5 x 1.23" (168 x 90 x 31.3 mm) |          |            |             |
| Weight             | 1.1 lbs (500 g)                        |          |            |             |

**TEST LEAD ACID, Ni-CAD, Li-ION and NiMH BATTERIES**  
COMPARATOR FUNCTION  
DATALOGGING

MODEL  
32

UNIQUE PRODUCT

Comparator Function provides immediate PASS/ FAIL of battery. Memory allows for complete documentation.



CE

Model 32 is designed to measure the internal resistance and open-circuit voltage of secondary batteries. AC four terminal method used to measure internal resistance, eliminates lead and contact resistances. The Comparator Function can be set to specific resistance and voltage values in order to measure deterioration in battery performance or measure quality from standards to battery under test.



More features in one instrument than any two competitive systems!

**BATTERY CAPACITY TESTER**

| SPECIFICATIONS                |  | MODEL 32                  |                        |
|-------------------------------|--|---------------------------|------------------------|
| <b>RESISTANCE MEASUREMENT</b> |  |                           |                        |
| Range                         | Resolution   | Measurement Current       | Accuracy               |
| 40mΩ                          | 10 μΩ  | 50 mA                     | ±1% reading ± 8 digits |
| 400mΩ                         | 100 μΩ   | 5 mA                      |                        |
| 4Ω                            | 1 mΩ   | 500 μA                    |                        |
| 40Ω                           | 10 mΩ  | 50 μA                     |                        |
| <b>VOLTAGE MEASUREMENT</b>    |  |                           |                        |
| Range                         | Resolution   | Accuracy                  |                        |
| 4 V                           | 1 mV   | ± 0.1% reading ± 6 digits |                        |
| 40 V                          | 10 mV  |                           |                        |
| <b>GENERAL</b>                |  |                           |                        |
| Battery Capacity              | 0 to 500AH   |                           |                        |
| Maximum Input Voltage         | 50Vdc  |                           |                        |
| Power                         | 6 x "AAA" Batteries or AC adaptor (Isolated output 9Vdc) |                           |                        |
| Dimensions (L, W, H)          | 9.84 x 3.93 x 1.77" (250 x 100 x 45 mm)                  |                           |                        |
| Weight                        | 1.10 lbs (500g)  |                           |                        |

Order P/N 7809-0201

Model 32 Battery Capacity Tester includes: Meter, Test Leads, RS-232 Cable, Windows Software and Latching Carrying Case.