

Multifunctional Environmental Meter

RH87



- ✓ Measure Air Velocity (FPM) and Air Volume (CFM)
- ✓ Measure Sound in dB
- ✓ Measure Temperature and Humidity (°F/°C)
- ✓ Measure Light (Lux)
- ✓ Standard and Metric Units
- ✓ Backlit LCD Display
- ✓ Min/Max/Avg/DIF Modes
- ✓ Data Hold
- ✓ Auto-Ranging
- ✓ Auto Power Off
- ✓ Low Battery Indicator
- ✓ One-Hand Operation
- ✓ Air Measurement Set-Up and Register CFM Chart Included
- ✓ Carrying Case Included
- ✓ Mini-Tripod Included

The RH87 is a digital multifunctional environmental meter which combines the function of sound level, luminometer, relative humidity meter, temperature meter and anemometer.



RH87 shown with carrying case, operator's manual, portable mini-tripod, and 9V battery (all included).

Specifications

Power Requirements:
9V battery (included)

Low Battery Indication: Displayed

Display: 4½ digit backlit LCD

Response Time: 2/second (app.)

Operating Temperature:
-10 to 60°C (14 to 140°F)

Storage Temperature: -10 to 50°C
(14 to 122°F)

Weight: 430 g (15.3 oz)

Dimensions: 280 L x 89 W x 50 mm H
(11 x 3.5 x 2")

Range Resolution Accuracy

Temperature: -10 to 60°C
(14 to 140°F) 0.1°C (0.1°F)
±1.5°C (±2.7°F)

Relative Humidity: 20 to 80% RH
0.1% RH ±3% RH @ 750°F
< 20% RH and > 80% RH 0.1% RH
±5% RH @ 75°F

Sound Level: 30 dB to 130 dB 0.1 dB
±1.5 dB

Light Level: 0 to 2000 Lux 1 Lux
±5% of rdg plus 10, 2001 Lux to 20,000
Lux 10 Lux ±5% of rdg plus 10, 20,001
Lux to 50,000 Lux 100 Lux
±5% of rdg plus 10

Integrated
circuit type
sound sensor.

RH87



Air Flow: 1.6 to 65.7 ft/s 0.1 ft/s
±3% of rdg plus 10, 0.5 to 20 m/s
0.1 m/s ±3% of rdg plus 10,
0.9 to 38.9 knots 0.1 knots ±3% of rdg
plus 10, 1.8 to 72 km/h 0.1 km/h
±3% of rdg plus 10

Air Volume: 0 to 999,900 CFM
0.1 to 100 CFM ±3% of rdg plus 10
0 to 999,900 CMM 0.1 to 1000 CMM
±3% of rdg plus 10

To Order Visit omega.com/rh87 for Pricing and Details

Model No.	Description
RH87	Environmental handheld meter

*Comes complete with carrying case, portable mini-tripod, operator's manual and 9V battery.
Ordering Example: RH87, environmental meter.*