

# Handheld Hygrometer

## Humidity and Temperature Meter

RH85



**POCKET PAL™**

- ✓ Dual Display Temperature and Humidity
- ✓ Portability and Simplicity One-Hand Operation
- ✓ MAX/MIN Record Function
- ✓ Wet Bulb/Dry Bulb/ Dew Point/Temperature Calculated
- ✓ Memory MAX/MIN/ MAX-MIN/AVG
- ✓ DATA HOLD Function
- ✓ Highly Accurate NTC Temperature Sensor
- ✓ Quick Response Capacitive Humidity Sensor
- ✓ Auto Power Off Function Can Be Disabled
- ✓ °C or °F Switchable
- ✓ Battery Life 200 Hrs. Typical Use
- ✓ Pocket Hook with Magnetic Hanger

### Applications

- ✓ Greenhouses
- ✓ HVAC Installation and Maintenance
- ✓ Office Environment
- ✓ Art Galleries/Museums
- ✓ Environmental Studies
- ✓ Hospitals and Clinics
- ✓ Weather Monitoring
- ✓ Printing Industry
- ✓ Food Distribution
- ✓ Store Rooms
- ✓ Labs
- ✓ Department Stores

### Specifications

**Display:** 3½ digit LCD

**Low Battery Indication:** The “” is displayed when the battery voltage drops below the operating level

**Battery Life:** 200 hours, typical use

**Power:** 2 “AAA” alkaline batteries (included)

**Operating Ambient:** 0 to 50°C (32 to 122°F), @ <75% RH

**Storage Ambient:** -20 to 60°C (-4 to 140°F), 0 to 80% RH with battery removed from meter

**Accuracy:** Stated accuracy at 23°C ±5°C (73°F ±9°F), <75% RH

**Dimensions:**

167 H x 48 W x 24 mm D (6.57 x 1.89 x 0.95")

**Weight:** 87 g (3 oz) including batteries

**Relative Humidity:**

**Sensor:** Capacitive humidity sensor  
**Range:** 0% to 100% RH

**Resolution:** 0.1% RH

**Accuracy:** ±2.5% @ 25°C (77°F), 10% to 90% RH, ±5% @ 25°C (77°F), 0% to 10% RH, 90% to 100% RH

**Sensor Response Time for 90% of Total Range:** 60 sec typical

**Sensor Hysteresis (Excursion of 10% to 90% to 10% RH):** ±1% RH typical

**Temperature:**

**Sensor:** Thermistor

**Range:** -20 to 60°C (-4 to 140°F)

**Resolution:** 0.1°C (0.1°F)

**Accuracy:** ±0.5°C, 0 to 45°C; ±1°C -20 to 0°C, 45 to 60°C; ±1°F, 32 to 113°F; ±2°F, -4 to 32°F, 113 to 140°F



RH85 shown actual size.

**To Order Visit [omega.com/rh85](http://omega.com/rh85) for Pricing and Details**

| Model No. | Description         |
|-----------|---------------------|
| RH85      | Handheld hygrometer |
| SC-50     | Soft carrying case  |

Comes complete with operator's manual, magnet hanger, and 2 “AAA” batteries.  
**Ordering Example:** RH85, handheld hygrometer.