SPER SCIENTIFIC

Environmental Measurement Instruments

RH / Temperature Pen
800012

800012 RH/Temperature Pen simultaneously displays RH and temperature in °C or °F. Will also show a continually updated Δ delta (difference) from a starting point. The pen stands upright on its base, enabling unobstructed airflow around the sensor, and recalls high and low readings.

DESCRIPTION

1.   2.   3. 4.   5. 6.

1. RH/Temp Sensor
2. LCD display
3. P/Δ Button

4. Min/Max Button
5. Battery
6. Battery Access

MEASUREMENT PROCEDURE

1. Press the **P/Δ button** for 3 seconds to turn the meter **on** or **off**.
2. The meter will turn **off** automatically after 10 minutes of inactivity.
3. To view the Δ (difference) measurement, press the **P/Δ button** for 0.5 second. The unit will start at zero and then display the Δ reading.
4. Press the **P/Δ button** for 0.5 second to return to Normal Mode.

Minimum/Maximum Modes

1. To change mode, press the **MIN/MAX button** for 0.5 second to cycle through Max, Min and Normal Modes.
2. In Min & Max Modes only, press the **P/Δ button** to reset memory.
3. Wait 10 seconds and the unit will automatically return to Normal Mode.
4. The Max/Min data will be reset when the unit is turned off.

Changing Temperature Scale

1. To switch the display between °C &°F, use a pointed tool (such as a disassembled paper clip) to poke straight (perpendicular to the unit, not at an angle) into the small hole located on the back of the unit.
2. Press in (you will feel a button push down inside the unit) until the LCD display switches the °C/°F display.

BATTERY REPLACEMENT

1. Turn the unit off by pressing the **P/Δ button** for 3 seconds.
2. Twist off the battery cover and replace with one AAA 1.5V battery ensuring correct polarity.

SPECIFICATIONS

	Range	Res	Accuracy
Temp	-20 to 60°C (-4 to 140°F)	0.1°F 0.1°C	±1°C / 2°F
RH	20 to 95%	0.1%	±3% fs 30 to 80% RH otherwise ±5%

Response time: 30 to 90%: 120 seconds
90 to 30%: 150 seconds
Operating temperature: 0 to 40°C (<90% RH)
Storage temperature: -10 to 60°C (<70% RH)
Dimensions: ½" × 6½" (12.8 × 165 mm)
Weight: 1.7 oz (48 g)

WARRANTY

Sper Scientific warrants this product against defects in materials and workmanship for period of **five (5) years** from the date of purchase and agrees to repair or replace any defective unit without charge. If your model has since been discontinued, an equivalent Sper Scientific product will be substituted, if available. This warranty does not cover probes, batteries, battery leakage, or damage resulting from accident, tampering, misuse, or abuse of the product. Opening the meter to expose its electronics will void the warranty.

To obtain warranty service, ship the unit postage prepaid to:

SPER SCIENTIFIC LTD.
8281 E. Evans Rd, Suite #103
Scottsdale, AZ 85260

The defective unit must be accompanied by a description of the problem and your return address. Register your product online at www.sperwarranty.com within 10 days.

CE RoHS Compliant