



# Psyclone™

## Protimeter Handheld RH Calibrator



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### Key Benefits

- Fast response saves time when making multiple measurements in changing environments
- High accuracy across range provides reliable measurements in changing environmental conditions
- Long lasting calibration reduces downtime and maintenance costs
- Multiple automatic psychometric calculations eliminate tedious chart lookups, saving time and reducing errors
- Quick intuitive interface simplifies operation
- Large backlit LCD display for easy viewing
- Durable design with rubberized grip protects against shock and provides easy handling
- Two-year limited warranty

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### Applications

The Protimeter Psyclone is a highly durable and functional handheld RH Calibrator designed to measure relative humidity and temperature in a wide range of environments and applications.

- RH Instrumentation Verification
- Data logger calibration and verification
- Environmental Monitoring
- HVAC efficiency monitoring

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## Fast Response for a Variety of Measurements

When measuring humidity and temperature in a range of different environments, it is essential that you have an instrument that responds quickly to those changes. The Psyclone thermo-hygrometer not only responds quickly, it also measures a variety of parameters:

- Relative Humidity (%RH)
- Temperature (°C or °F)
- Dew Point Temperature (°C or °F)
- Surface Temperature (°C or °F)

### Power

2 x AA 1.5 V batteries



Rear view of the Psyclone shows a convenient belt clip and wall hanging mount

## Psyclone Specifications

### Enclosure Material

Polycarbonate with silicone rubber boot

### Dimensions

6.5 in x 2.5 in x 1.2 in (165 mm x 65 mm x 30 mm)

### Weight

7 oz (200 g)

### Display

Outputs measurements in °F or °C, user-selectable

### Front Panel Keys

Rubber function keys

### Probe Humidity Measurement Range

1.0 to 99.0% (non condensing)

### Humidity Accuracy

±2% (10% to 90% @ 25°C/77°F)

### Operating Temperature Range

0°C to 50°C

### Probe Temperature Measurement Range

-20°C to 85°C

### Temperature Accuracy

- ±0.5°C from 0°C to 50°C
- ±1°C from -20°C to 0°C, 50°C to 85°C

### Sensor Calibration

The sensor is calibrated using dedicated equipment that is calibrated according to ISO 17025 and calibration by comparison against standards that are traceable to NIST and NPL or DKD.

### Certifications

- CE
- RoHS compliance

### Warranty

Two-year limited warranty

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