



## 597C1 Digital Psychrometer

Small diameter tip (0.45 inches) for measuring dew point in air ducts and registers to prevent mold buildup.

### Dew point Temperature Humidity

- Dry bulb
- Wet bulb

Comes with protective boot (A604)

39 inch cord for use in hard to reach spaces.

Soft should strap carrying case.

### Features

- Small diameter tip (0.45") for measuring dew point in air ducts and registers to prevent mold buildup
- Measure dewpoint, humidity, and wet bulb temperature to prevent mold buildup and condensation in HVAC systems.
- Relative humidity (RH) accuracy of +/-3% provides accurate reliable readings.
- Temperature -40° to 122°F (-40° to 50°C)
- Fast response time
- Data record function for maximum and minimum temperature or humidity reading
- Serial output through RS 232C
- 39" cable length, hard wired
- Data hold and Auto Power Off

### Applications

- Building maintenance
- Computer rooms
- Heating and air conditioning systems
- Bakeries
- Humidistats calibration

## Digital Psychrometer



<b>Display:</b>	Dual line LCD with annunciators
<b>Relative Humidity (RH):</b>	0% to 100% (Temp: 32°F to 122°F / 0°C to 50°C)
<b>RH Accuracy:</b>	+/-3% (10% to 90%) +/-5% (<10% and >90%)
<b>Temperature:</b>	-40°F to 122°F (-40°C to 50°C)
<b>Temperature Accuracy:</b>	+/- (0.5% of reading + 2.0°F (1.0°C))
<b>Units of Measure:</b>	°C / °F
<b>Dew Point:</b>	Yes
<b>Wet Bulb:</b>	Yes
<b>RS-232 Output:</b>	Yes (optional A506 cable required)
<b>Min/Max Record:</b>	Yes
<b>Operating Temperature:</b>	32°F to 122°F
<b>(Base Unit)</b>	
<b>Operating Humidity:</b>	<90% non-condensing
<b>(Base Unit)</b>	
<b>Battery Type:</b>	9V
<b>Battery Life:</b>	30 hours typical
<b>Dimension W x L x H:</b>	2.9" x 5.7" x 1.1" (73.7mm x 144.8mm x 27.9mm)
<b>Weight:</b>	0.3lb (453.6g)

