



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# 597C1 Digital Psychrometer

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

## APPLICATIONS

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

**Dew point**  
**Temperature**  
**Humidity**

- **Dry bulb**
- **Wet bulb**



**Soft carrying case.**

**39 inch cord to use and read in hard to reach spaces.**

**Comes hardwired with protective boot (A604)**

Turn over for technical information and accessory part numbers.

**The Value Leader™**

## 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 +/-2% 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



# 597C1 Digital Psychrometer

## SPECIFICATIONS

Display	Dual digits LCD with function annunciation
Measurement	R/H(Relative Humidity) 0 ~ 100%
Temperature	-40°F ~ 122°F (-40°C ~ 50°C)
Measurement Range & Accuracy:	
Humidity	0% ~ 100% 0.1%RH
Temperature/Dew point	-40°F ~ 176°F +/- (0.5% of reading +0.8°F + 3 digits) -40°C ~ 80°C +/- (0.5% of reading +0.4°C + 3 digits)
Operating Temperature	32°F ~ 122°F (0°C ~50°C)
Operating Humidity	Less than 90% R/H
Powering	9V alkaline battery
Optional Accessories	A604 protective boot A901 soft shoulder strap carrying case

### TECHNICAL SPECIFICATIONS AND ACCESSORIES

- Digital Multimeters
- Clamp Meters
- Hand-held Oscilloscopes
- Refrigerant & Combustible Gas Leak Detectors
- Temperature Testers
- BNC Coax Cable Connectors
- Test Leads
- Accessories

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To learn about the entire line of TPI products visit:

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