

Humidity & Temperature Meter

Model : 321

Technical Specifications

Display : Large 3-1/2 digital LCD display with backlight.

Sensor Type : Humidity : Precision capacitance sensor.

Temperature : Thermistor (probe) and type “K” thermocouple.

Response Time : Probe Temperature and Relative Humidity : 3 minutes.

Accuracy note : Accuracy is specified for the following ambient temperature range:

64 to 82°F (18 to 28°C)

Sampling Rate : 2.5 samples per second.

Polarity : Automatic, (-) negative polarity indication.

Over-range : “OL” mark indication.

Low battery indication : The “” is displayed when the battery voltage drops below the operating level.

Operating Conditions : 32 to 122°F (0 to 50°C); < 80%RH non-condensing.

Storage Conditions : 14 to 140°F (-10 to 60°C); <80%RH non-condensing.

Auto Power Off : Meter automatically shuts down after approx. 15 minutes of inactivity.

Power : One standard 9V , NEDA 1604 or 6F22 battery.

Dimensions/Wt.: 225(H) x 45(W) x 34(D)mm/200g

Humidity/Temperature Measurement Range:

Humidity : 0%~100%RH

Temperature : -20.0°C ~+60°C (-4°F to 140°F)

Resolution : 0.1%RH, 0.1°C/°F

Humidity Accuracy : ±3.5%RH (at 25db, 5%~95%RH)

Note: The measuring range is from 0% to 100%, but above 95% and below 5% the deviation is not specified.

Air Temperature Accuracy: ±2.5°C ; ±3.5°F

