

225-EA20 & 225-EA25 Hygro-Thermometers



Specifications

Humidity
 Range: 10-95%
 Resolution: 0.1%
 Accuracy: $\pm 3\%$ (30-95%), $\pm 5\%$ (10-30%)

Temperature
 Range: -4 to 140°F (-20 to 60°C)
 Resolution: 0.1°
 Accuracy: $\pm 1.8^\circ\text{F}$ ($\pm 1^\circ\text{C}$)

Dimensions: 5.9" x 2.8" x 1.4" (150 x 72 x 35 mm)
 Weight: 8.3 oz (235 g)

Ordering Information

225-EA20	Hygro-Thermometer
225-EA20-N	Hygro-Thermometer, with NIST certificate
225-EA25	Hygro-Thermometer Data Logger
225-EA25-N	Hygro-Thermometer Data Logger, with NIST certificate

- Compact and rugged design features large display and bargraph
- Display any two parameters (temperature and humidity or dew point, or wet bulb) simultaneously
- Min/Max function stores and recalls highest and lowest readings
- Timer function displays the elapsed time (mins:secs & day:hour) to the minimum and maximum readings
- Programmable auto power off time frame
- Remote capacitance sensor with 39" (1m) coiled cable
- Switchable °C/°F temperature units
- Data Hold function freezes reading on display
- Auto power off to save battery life
- Low battery and overrange indication
- Complete with built-in stand, protective holster, probe, and 6 AAA batteries

Model EA25 also features:

- Logs up to 15,000 records plus automatic timer function
- Built-in RS232 PC serial interface comes complete with Windows (95/98/NT/2000/ME/XP) compatible software and optically isolated RS232 cable

Applications:

- Monitor relative humidity and temperature in factories, clean rooms, offices, and greenhouses.
- Produce reports of overnight or long term humidity and temperature fluctuations