

225-HM34 Relative Humidity & Temperature Indicator

- Lightweight, pocket-size
- Extendable probe
- Automatic power off
- Measures humidity and temperature
- Fast response with $\pm 2\%$ accuracy

The **Model 225-HM34 Relative Humidity and Temperature Indicator** provides a fast and convenient way to spot-check relative humidity and temperature. The instrument includes a “hold” button which allows the user to retain a relative humidity or temperature measurement until it has been noted or recorded. If no measurements are made for 3 minutes, the unit automatically switches itself off. This automatic power-off function prevents accidental discharge of the battery.

The 225-HM34 incorporates the HUMICAP® Sensor, which is accurate, durable, and insensitive to dust and most chemical contaminants. Both the humidity and temperature sensors are housed in an extendable probe that is retracted back into the rugged plastic casing for storage, creating a compact and easy to carry device. Each unit includes a 9-volt battery, attached probe, protective membrane filter, and carrying case.

Specifications

Relative Humidity

Sensor type: HUMICAP®H thin film capacitive sensor
 Range: 0-100% RH
 Accuracy: $\pm 2\%$ (0-90% RH), $\pm 3\%$ (90-100% RH)
 Resolution: 0.1% RH
 Temperature dependence: $\pm 0.02\%$ RH/°F ($\pm 0.04\%$ RH/°C)
 Response time (90%): 10 sec with membrane filter, 5 sec with plastic grid

Temperature

Sensor: Pt 100 IEC 751 1/3 Class B
 Range: -4° to +140°F (-20° to +60°C)
 Accuracy: $\pm 0.5^\circ\text{F}$ ($\pm 0.3^\circ\text{C}$)
 Resolution: 0.1°F (0.1°C)
 Temperature dependence: $\pm 0.02^\circ\text{F}/^\circ\text{F}$ ($\pm 0.02^\circ\text{C}/^\circ\text{C}$)

General

Display: 3 1/2 digit LCD
 Power supply: 9 V battery
 Battery life: 50 h
 Hold function: Push-button hold of displayed value
 Power off: Automatic, after 3 minutes, unless “hold” is activated
 Size: 6.3" x 2.2" x 1.1" (160 mm x 57 mm x 27 mm)
 Weight/shipping: .5 lbs/2 lbs



225-HM34 Pocket-Sized Humidity & Temperature Indicator

Ordering Information

225-HM34-C	Handheld Humidity and Temperature Indicator, °C
225-HM34-F	Handheld Humidity and Temperature Indicator, °F