

HM34 Pocket-Sized Relative Humidity and Temperature Indicator

SPECIAL FEATURES

- Lightweight, pocket-sized
- Extendable probe
- Automatic POWER-OFF
- Measures humidity and temperature
- Fast response with $\pm 2\%$ accuracy
- Available in either °F or °C

IDEAL FOR SPOT-CHECKING HUMIDITY LEVELS

This pocket-sized HM34 meter provides a fast and convenient way to accurately spot-check relative humidity and temperature. The instrument includes a HOLD button which allows the user to retain an RH or T measurement until it has been noted or recorded. If no buttons are pressed for three minutes, the unit automatically switches itself off. This automatic POWER-OFF function prevents the possibility of accidental discharge of the HM34's battery.

FAST AND EASY-TO-USE

The HM34 indicator incorporates Vaisala's 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 retracts back into the rugged plastic casing for storage, creating a compact and easy to carry device.

EACH UNIT INCLUDES:

- 9 V battery
- Attached probe
- 0.2 μm protective membrane filter
- Carrying case



HM34

The handy HM34 provides accurate spot checks of humidity and temperature.

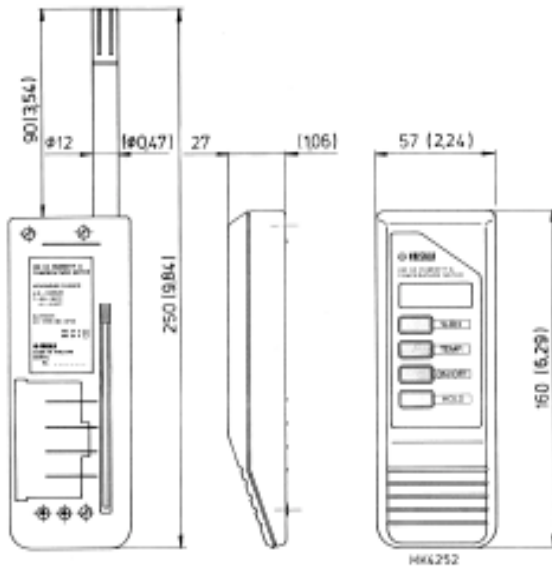
HM34 Carrying Case



TECHNICAL DATA - HM34

HM34

Dimensions in mm (inches)



Relative Humidity

Range:	0 to 100% RH
Accuracy:	$\pm 2\%$ (0 to 90% RH) $\pm 3\%$ (90 to 100% RH)
Resolution:	0.1% RH
Temperature Dependence:	$\pm 0.02\%$ RH/ $^{\circ}$ F ($\pm 0.04\%$ RH/ $^{\circ}$ C)
Sensor type:	HUMICAP [®] H thin film capacitive sensor
Response time (90%):	10 sec. with membrane filter 15 sec with sintered filter 5 sec with plastic grid

Temperature

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

General

Display:	3 1/2 digit LCD
Weight:	250 g
Size:	6.3" x 2.2" x 1.1" (160 x 57 x 27 mm)
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

Ordering Information:

HM34C	with $^{\circ}$ C temperature reading
HM34F	with $^{\circ}$ F temperature reading

Specifications subject to change without notice.