

Phoenix HMI-41 Thermo-Hygrometer Moisture Meter



Model : 4024995

Phoenix HMI-41 Thermo-Hygrometer Moisture Meter

Manufacturer : Therna-Stor

Phoenix HMI-41 Precision ThermoHygrometer

The Premier Humidity Meter

The Phoenix HMI-41 Precision ThermoHygrometer is the fastest and most accurate humidity meter in the industry. It provides a convenient and reliable way to spot check relative humidity, temperature, dew point, and grains per pound.

This instrument is the advanced version of the Phoenix HM-34, which has been widely used in the restoration industry and has established a reputation for accuracy and dependability. Manufactured by the Vaisala Company in Helsinki, Finland, the Phoenix HMI-41 meter will provide years of trouble-free service.

The Phoenix HMI-41 meter incorporates Vaisala's next generation HUMICAP[®] Sensor, which is accurate, durable and resistant to dust and most chemical contaminants. Both the humidity and temperature sensors are housed in a plug-in probe. The MODE button allows the user to select from three LCD displays: (1) relative humidity on top and temperature below, (2) dew point on top and temperature below, and (3) temperature on top and grains per pound below. The HOLD button freezes the measurement until it has been noted or recorded.

When left idle for five minutes, the HMI-41 will automatically switch off unless the MODE or HOLD function has been activated. This automatic POWER-OFF function is adjustable and prevents accidental discharge of the HMI-41's batteries.

Each Unit Includes:

- HMI-41 Indicator
- HMP-41 Probe
- 4 Type AA batteries

Phoenix HMI-41 Specifications:

Part No.:
4024995

Phoenix HMI-41 Thermo-Hygrometer Moisture Meter

Relative Humidity

Range:
0 to 100% RH

Accuracy:
+2% (0 to 90% RH)
+3% (90 to 100% RH)

Resolution:
0.1% RH

Temperature Dependence:
+0.02%RH/°F

Sensor Type:
HUMICAP®

Response Time:
15 seconds

Temperature

Range:
-4 to +140°F

Accuracy:
+0.5°F

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Resolution:
0.1°F

Temperature Dependence:
+0.02°F

Sensor:
Pt 100 IEC 751 1/3 Class B

Typical Ranges of Calculated Variables

Dew Point:
-40°F to +140°F

Absolute Humidity:
0 to 69.9 gr/ft³

Wet Bulb Temperature:
32°F to 140°F

Mixing Ratio (Grains):
0 to 1120 gpp (grains/lb)

Display:
Two Line LCD

Weight:
250g (.55 lb)

Size:
6.3" x 2.2" x 1.1"

Power Supply:

Parts & Accessories > Meters and Lights > Phoenix HMI-41 Thermo-Hygrometer Moisture Meter

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4 Type AA batteries

Literature (PDF)

- Spec Sheet
- Instructions

Price : Call for pricing!

Availability: This product was added to our catalog on Thursday 31 March, 2005