



PHOENIX

RESTORATION EQUIPMENT

Phoenix HMI-41 Precision ThermoHygrometer



The Premier Humidity Meter in the Industry

The **Phoenix HMI-41** precision thermo-hygrometer provides the fastest and most accurate humidity readings in the industry. It is the convenient and reliable way to accurately spot-check relative humidity, temperature, dew point and grains per pound. This instrument is the advanced version of the **Phoenix HM-34** that has been widely used in the restoration industry for several years 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.

Fast and Easy-To-Use

The **Phoenix HMI-41** meter incorporates Vaisala's next generation HUMICAP® Sensor, which is accurate, durable and insensitive 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 3 LCD displays. The first display shows relative humidity (RH) on top and temperature (T) below. The second display shows Dew Point (Td) on top and temperature (T). The third display shows temperature on top and grains per pound below (set-up with Calc 3). 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 the accidental discharge of the HMI-41's batteries.

Special Features

- Calculates Grains per Pound
- Lightweight, Durable
- Adjustable, Automatic POWER-OFF
- Measures Humidity and Temperature
- Calculates Dew Point
- Fast response + 2% Accuracy
- Stable Performance in Airstream



Therma-Stor

PO Box 8050, 1919 S. Stoughton Rd.
Madison, Wisconsin 53708

800-533-7533 Local: 608-222-5301

Fax: 608-222-1447 www.thermastor.com

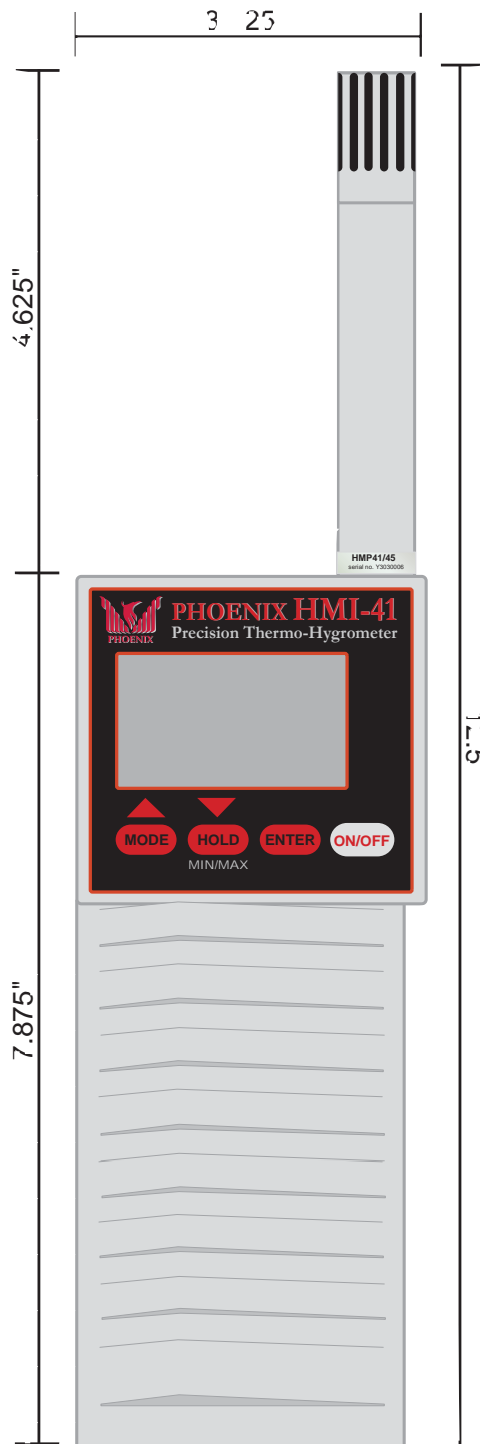
PHOENIX HMI-41
PRECISION THERMOHYGROMETER



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PHOENIX HMI-41

Each Unit Includes:

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

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®H
Response time:	15 seconds

Temperature

Range:	-4 to +140°F
Accuracy:	± 0.5°F
Resolution:	0.1F
Temperature dependence:	± 0.02°F/°F
Sensor:	Pt 100 IEC 751 1/3 Class B

General

Typical Ranges of Calculated Variables

Dew Point:	-40°F to +140°F
Absolute Humidity:	0 to 69.9 gr/ft ³
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:	4 Type AA battery

Part # 4024995
Price: \$795.00

Specifications subject to change without notice



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