

Phoenix Humiport 05/10/20

ThermoHygrometers

Large Display for Easy Reading

The Phoenix Humiport line of ThermoHygrometers offers the restoration professional the optimum balance between cost, accuracy and response time.

Each Humiport Meter offers a large display for easy reading, and all of the important restoration information including, temperature (either F or C), relative humidity (%), dew point (F or C) and the popular "grains per lb" mixing ratio. There is even an "altitude" input that makes sure the grains calculation is extremely accurate. A listing of altitudes by state and (some) cities is available at www.usephoenix.com, so you can set the meter to your specific area.

The Phoenix Humiport meters display conditions, calculate data and can display: MIN (minimum), MAX (maximum), AVG (average) and HOLD.

All Phoenix Humiports (5, 10 and 20) also feature 2 point calibration and offer 2% accuracy for relative humidity and have the largest display in the industry. They also include a backlit display option and auto-off feature. The Phoenix Humiport 20 has a detachable probe with a coiled cord that extends over four feet to eliminate problems reaching difficult areas or reading the meter display when the probe is recording areas over your head or near the floor.

Features

- Fast response
- Accurate +/- 2% RH
- Grains/lb display
- Dew point
- Large display
- Min/Max/Avg. and Hold functions
- Altitude input for gpp calculation
- Time/Date display (10 & 20)



Humiport 05

Humiport 10

*Displaying
temperature and
mixing ratio in
grains per pound.*

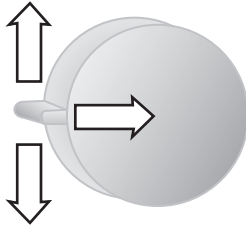
Humiport 20

Phoenix Humiport

The Phoenix Humiport ThermoHygrometers provide accuracy, fast response time and a variety of meaningful functions and displays. A unique 'thumb wheel' is used to select the desired data.

Toggle up for selection of:

HOLD, MAX, MIN & AVG



Push in to enter selection and power "ON" and "OFF"

Toggle down for selection of: g/m³, %rH, dp °F, dp °C, g/Kg, and gr/lb (gpp)

Humiport 05/10/20 ThermoHygrometers

Functions/Features

HUMIPORT	05	10	20
Temperature	0.1°	0.1°	0.1°
Relative Humidity	0.1%	0.1%	0.1%
Dew Point	0.1°	0.1°	0.1°
Mixing Ratio	0.1gr/lb	0.1gr/lb	0.1gr/lb
Date/Time	No	Yes	Yes
US / SI units	Yes	Yes	Yes
Auto Off	No	Yes	Yes
Remote Probe	No	No	Yes
2 Pt Calibration	No	Yes	Yes
Backlit Display	No	Yes	Yes

Specifications:

Measuring Values

		Humiport 05	Humiport 10/20
Sensor type	Relative Humidity	HC101	HC101
	Temperature	NTC	NTC
Measuring Range	Relative Humidity	5 to 95% RH	0 to 95% RH
	Temperature	-4° to 122°F (-20° to 50°C)	-4° to 122°F (-20° to 50°C)
	Dew Point @ 68°	5° to 66°F (-15° to 19°C)	5° to 66°F (-15° to 19°C)
	Mixing Ratio @ 68°	8.03 to 98gr/lb (1.18 to 14g/kg)	5.46 to 98gr/lb (.78 to 14g/kg)
Accuracy	Relative Humidity	±2% RH	±2% RH
	Temperature	±0.7°F@ 32 to 104°\±1.3°F (±0.4°C @ 0 to 40°\±0.7°C)	±0.5°F@ 32 to 104°\±0.9°F (±0.3°C @ 0 to 40°\±0.5°C)
	Dew Point @ 68°	±(8.03 to 1.15°F) ±(4.46 to 0.64°C)	±(7.79 to 0.81°F) ±(4.33 to 0.45°C)
	Mixing Ratio @ 68°	±(3.08 to 3.99gr/lb) ±(0.44 to 0.57g/kg)	±(2.03 to 2.8gr/lb) ±(0.29 to 0.4g/kg)
General			
Supply Voltage		9V Battery	4 x 1.5VAA Alkali-Manganese Battery
Battery Life	Typical	>150 hours	>500 hours
Display		LCD 1.8"x 1.3"	LCD 3.5"x 1.9"
Working Temperature Range		32° to 122°F (0° to 50°C)	housing: 32° to 122°F (0° to 50°C)
			probe: -4° to 122°F (-20° to 50°C)
Housing/Protection Class	ABS/ IP40	ABS/IP40	
Dimensions	w/filter cap	6.9"x 1.9"x 1"	5.7"x 3.3"x 1.5"
	w/out filter cap	5.5"x 1.9"x 1"	Humiport 20 cable 4.9'
Weight		0.5 lbs	1.0 lbs

