

Kaymont

DESCRIPTION OF KPPRHT-A-2 INSTRUMENT

The KPPRHT-2 is a portable indicator that provides a direct reading of RH, temperature and dew point. The instrument is calibrated by an NVLAP Accredited Laboratory using instrumentation traceable to NIST and according to ISO/IEC 10725 procedures.

The KPPRHT-2 has the following Performance Specifications and will display the data indicated in the specifications.

PERFORMANCE SPECIFICATIONS

MODEL KPPRHT-A-2

Probe Specifications:

Humidity Sensor	Solid State Capacitance Type
Temperature Sensor	Pt100ohm RTD

Measured and Displayed Parameters

Relative Humidity	0 -100%RH
Temperature	0 - 60°C
Dew Point	Calculated

Calibration Points*	Temperature	23C (NVLAP Adjusted)
	RH @ 23°C	10, 35, 80% and 95%RH**
	Temperature/RH	10°C/10% and 10°C/50% (As Left)
	Temperature/RH	40°C/20% and 40°C/75%10% (As Left)

Accuracy of Calibration System (NIST Traceable Instrumentation)	±0.5%RH and ±0.05°C
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Instrument Accuracy @ 23°C	
Relative Humidity	±0.5%RH**
Temperature	±0.1°C**

Documentation Provided	NVLAP Certificate of Calibration (As Left readings and Uncertainty)
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Display Type	Backlit, Graphic Display
Operating Power	9V Alkaline Battery
Housing Material	ABS Plastic

* Other Calibration Points for Temperature and Humidity are available. Consult Factory

** Instrument is adjusted to read the same values as the NIST traceable instrumentation used for the calibration. Adjustment is only made at 23°C. The accuracy of the NVLAP instrumentation is provided with calibration certification.

Note: An extension cable is provided which allows the instrument to be placed into the external chamber at greater depth giving more information about chamber operational conditions.