

## CR-5 Chilled Mirror Hygrometer

### Applications:

- Duct-mountable for air drier applications
- Industrial applications
- Meterological applications

### Specifications:

- 3 Stage TE Cooler in separate, optionally fan-cooled, sensor housing
- Dew/Frost Range: -60 to +60 °C \*
- %RH range from 0.01 to 100 %RH (with temperature sensor option)
- 85 °C Depression
- Resolution: 0.01 °C standard, 0.005 °C optional on RS-232 and 4-20 mA output.
- Accuracy:  $\pm 0.2$  °C standard with interchangeable sensors,  $\pm 0.1$  °C optionally. NIST-traceable calibration. (NVLAP certification optional)
- Sample Flow Rate: 0.25 to 3 liters/min
- Sample Pressure: 0 to 150 psia (with optional Swagelok fittings)
- RS232 Serial I/O, 4-20 mA, 0-10 VDC
- Dimensions:
  - Sensor: 6.5x2.5x2.5 inches, Weight: 1.5 lbs.
- Power Requirement: 24vdc @ 2 amps or 110 - 240 vac @ 50-400Hz
- Optional LCD display
- Transmitter sold as bare board, or with box, depending upon requirements

\*Dependent upon ambient temperature.

