

A2 Humidity-Temperature Indicator



- Simultaneous Indication of Relative Humidity and Temperature
- Versatile, Accurate, All Purpose Instrument
- Analog Outputs
- Hold Function
- Automatic Shut-Off
- Interchangeable Probes
- Low Battery Indication

ro-tronic
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SPECIFICATIONS

Operation	9V Alkaline Battery 9V AC Adapter (200 mA) DC (+) Tip 9V Rechargeable Battery 110 mAh
Max. Current Consumption	2 mA
Temperature Operating Range	-10...60°C (14...140°F)
Humidity Measuring Range	0..100 %RH
Temperature Measuring Range	-199.9...199.9°C or °F (*)
Humidity Input Signal	0...1V = 0...100%RH
Temperature Input Signal	-0.500V...1.500V=-50.0°C...150.0°C with 0V = 0°C
Display	Dual LC Display
Resolution	0.1 %RH, 0.1°C or 0.1°F
Analog Outputs	Identical to Input Signals
Battery Test	Automatic Indication "LOW BAT"
Automatic Power Off	After 2 Minutes
HOLD Function	Push Button Operated
Housing Material	ABS
Housing Dimensions	230 x 80 x 30 mm
Weight	Appr. 290 g (0.64 lb.)

(*) Specify the temperature unit when ordering.

General Information

The A2 indicator is a versatile instrument that is well suited for a large number of uses such as trouble shooting of HVAC installations, certification of clean rooms, calibration check of other humidity instruments, monitoring of manufacturing processes, humidity measurement of products, outdoor measurements, etc.

The A2 indicator can be used with any compatible probe or transmitter from the large assortment of ROTRONIC HYGROMER® products. The A2 indicator is operated with only two push buttons: one for switching the indicator on and off, the other for activating the HOLD function to freeze the display.

The A2 indicator uses a standard 9V alkaline battery. It can also be used with a rechargeable battery or be powered with an AC adapter. Battery power is conserved by the automatic power off function. Low battery voltage is also automatically displayed.

The A2 indicator has two analog outputs that repeat the input signals.



Calibration Standards