Humidity Temperature Meters

GNV-720 and GNV-725

Features:

- Monitors and displays three measurements simultaneously:
    ° Humidity: Precision capacitance sensor
    ° Temperature (T1): Semiconductor sensor
    ° Temperature (T2): K-type thermocouple
- Remote wand allows for greater placement control of Humidity and T1
- Min/max and auto off functionality
- Relative measurement functionality (GNV-720)
- Record 16,300 data points (GNV-725)
- Tripod mount for long term monitoring (tripod not included)
- TestLink software for realtime viewing and control*
- Includes meter, instruction manual, K-type thermocouple, battery, carrying case, RS-232 cable (GNV-725), TestLink software (available through download)

Description:

The Global Specialties GNV-720 and GNV-725 Humidity Temperature Meters are portable, dual function meters with three environmental sensors. With precision capacitance and semiconductor sensors incorporated directly into the remote wand, more accurate results may be obtained by the ability to direct the sensor placement. This is further enhanced when the thermocouple sensor is attached and all three measurements are displayed simultaneously on the LCD screen.

*The GNV-725 comes with data logging capabilities, recording up to 16,300 data points. Connect either meter to a PC and see realtime data populate the graphs and tables on the TestLink software (GNV-720 requires optional SE-300 cable)

Applications:

- Environmental testing
- Lab monitoring
- Process control
- Building maintainence
- Education

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Specifications

Measurement Range	
Humidity	0% to 100%
Temperature @ T1	-20 ˚C to +60 ˚C (-4 ˚F to +140 ˚F)
Temperature @ T2	-200 ˚C to +1370 ˚C (-328 ˚F to +2498 ˚F)
Resolution	
Humidity	0.1 % RH
Temperature @ T1	0.1 ˚C (0.1 ˚F)
Temperature @ T2 (CT3240*)	-200 ˚C to +200˚C, 0.1 ˚C 200 ˚C to 1370 ˚C, 1 ˚C (-200 ˚F to +200 ˚F, 1 ˚F) (200 ˚F to 2498 ˚F, 1 ˚F)
Accuracy	
Humidity	± 2.5 % RH at 25 ˚C
Temperature @ T1	± 0.7 ˚C (± 1.4 ˚F)*
Temperature @ T2	± 0.5 % reading + 1 ˚C (± 0.5 % reading + 2 ˚F)
Response Time	
Humidity	75 s
Temperature	40 s
Signal Output	RS-232 data output
Display	4 digit LCD
Weight	320 g
Dimensions	
Meter	186 x 64 x 30 mm
Wand	190 x 15(D) mm
Environmental	
Battery Life	Approx. 100 hrs w/ alkaline battery (9V)
Operating Environment	0 ˚C to 50 ˚C (32 ˚F to 122 ˚F)
Total Memory (GNV-725)	16,300 data points

*The CT3240 is rated for -50 ˚C to +200 ˚C, For higher temperature measurements please order the CT3241.

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