

# Humidity Temperature Meters



**725**



**720**

## Model 725

**Datalogging Humidity/Temp Meter w/ Dual Input**

## Model 720

**Humidity/Temp Meter w/ Dual Input**

State of the art dual function meters with two environmental sensors housed in a remote wand. The sensors can be placed right where they are needed. Both meters feature triple LCD displays, RH and temperature readings simultaneously, and a second K-type thermocouple port.

Model 725 has datalogging feature and records up to 16,300 data points. With an adjustable interval setting, you can record from 4 hours to 678 days worth of data. Both units feature RS-232 output ports (software optional on Model 720). Either download data for analysis or control the meter in real-time from your PC. With the optional TestLink software and RS-232 cable (AK-720), even Model 720 becomes a real-time datalogging meter when attached to a PC.

These meters are ideal for environmental testing, lab monitoring, process control and building maintenance.

Additional features include:

- Tripod Mounting Lug
- Auto Power Off
- Real Time Clock (Model 725)
- $\Delta$  Relative Function (Model 720)
- Min/Max function



**Tripod Mountable**  
(tripod not included)

## Specifications

models

|                            | 720 & 725  |
|----------------------------|--|
| Measurement Range          |  |
| Humidity                   | 0%~100% RH   |
| Temperature                | T1: -4°~140°F (-20°~60°C)<br>(K-type) T2: -328°~2,498°F (-200°~1,370°C)                                    |
| Resolution                 | 0.1% RH 0.1°F (0.1°C)  |
| Accuracy                   |  |
| Humidity                   | ±2.5% RH (@77°F/25°C, 30~95% RH)   |
| Temperature                | 1.4°F (±0.7°C)<br>(K-type) ±0.3%rdg+2°F (±0.3%rdg+1°C)   |
| Sensor Type                | Humidity: Precision capacitance sensor<br>Temperature: T1: Semiconductor sensor<br>T2: K-type Thermocouple |
| Response Time              | Humidity: 75 s (in slow moving air)<br>Temperature T1: 40 sec  |
| Sample Rate                | 1 time per second  |
| Record (Datalogging)       | 16,300 Points (Model 725)  |
| Datalogging Interval       | 00m:01s to 59m:59s (Model 725)   |
| Operating Temp. & Humidity | 32°~122°F (0°~50°C) & 0~90% RH Non-condensing  |
| Storage Temp. & Humidity   | 14°~140°F (-10°~60°C) & 0~80% RH Non-condensing  |
| Power Supply               | 9V NEDA 1604 Battery (Optional adapter BE-9)   |
| Battery Life               | Approximately 100 hrs (Alkaline)   |
| Dimensions (LxWxH)         | 10.63 x 2.68 x 0.99" (270 x 68 x 25mm)   |
| Weight                     | Model 725: 2.4 lbs. (930g), Model 720: 1.8 lbs. (820g)   |

## Accessories

**One Year Warranty**

|           |   |
|-----------|---|
| SUPPLIED: | Model 725 : Datalogging meter, Instruction manual, Battery, Carry case, PC Software, RS-232 Cable, and K-type Bead Probe<br>Model 720 : Meter, Instruction manual, Battery, Padded pouch, and K-type Bead Probe |
| OPTIONAL: | BE-9 AC Adapter, AK-720 TestLink Software w/RS232 Cable (Model 720)<br>See page 87 for K-type Thermocouple Probes   |



**Easy to read -  
Triple Display**

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