



Features:

Temp: -20°C ~ 60°C (-4°F ~ 140°F);
 K-type: -200°C ~ 1,370°C (-328°F ~ 2,498°F);
 Humidity: 0 ~ 100% RH
 4 Digit, Triple display.
 K-type Thermocouple.
 Reading hold °C or °F annunciators.
 MAX, MIN. function.
 Auto power off.
 ΔREL function. (DTM-321)
 Automatic low battery indication.
 RS-232 computer interface.
 RS-232 cable or USB cable and software for Windows (Options).

Specifications model DTM-321

Measurement Range

Humidity 0% ~ 100% RH

Temperature T1: -20°C ~ 60°C (-4°F ~ 140°F)

(K-Type) T2: -200°C ~ 1,370°C (-328°F ~ 2,498°F);

Resolution 0.1% RH 0.1°C (0.1 °F)

Accuracy

Humidity +2.5% RH (@ 25 °C / (77°F) , 30 ~ 95% RH)

Temperature (+0.7 °C , 1.4 °F)

(K-Type) : +0.3% rdg + 1 °C +0.3% rdg + 2 °F

Sensor Type Humidity: Precision capacitance sensor

Temperature: T1: Semiconductor sensor

T2: K-type Thermocouple

Response Type Humidity: 75 s (in slow moving air)

Temperature T1: 40 sec in slowing moving air

Sample Rate 1 time per second

Input Protection:

60V DC or 24V rms AC Maximum

Record (Datalogging) 16,300 Points (Model DTM-322)

Datalogging Interval 00m: 01s to 59m: 59s (Model DTM-322)

Operating Temp. & Humidity

0 °C ~ 50 °C (32°F ~ 122°F) & 0 ~ 90% RH

Non-condensing)

Storage Temp. & Humidity

0 ~ 60 °C (14 ~ 140°F)& 0~80% RH Non-condensing

Power Supply 9V NEDA 1604 Battery

(Optional adapter ADP-01 110V, ADP-02 220V)

Battery Life Approximately 100 hrs (Alkaline)

Dimensions:

Meter:10.8"x2.5"x1.2" (186x64x30mm)

Probe:7.5"x0.6" (190x15mm)

Weight:11.2 oz(320g)

Accessories:

DTM-322 : 1 x TPK-01,probe, 9V battery,

Deluxe carrying case, owners manual.

USB Cable and Software for Windows