DTM-322 Temperature & Humidity Data Logger



Features

- Temperature: -20°C to 60°C (-4°F to 140°F)
- K-Type Thermocouple: -200°C to 1370°C (-328°F to 2498°F)
- Humidity: 0 to 100 %RH
- 16,000 data logging records
- 4-digit triple display
- MAX/MIN, Hold, Auto Power Off, Time function
- Low battery indication
- RS-232 interface; USB cable optional

Product Introduction

DTM-322 is a professional temperature and humidity recorder which can be connected to a thermocouple sensor. It can be used to measure the surface temperature of an object. The software is included and can be connected to the computer to transmit data.

Measurement Specification

Measuring Range : T1: -20 ~ 60°C (-4 ~ 140°F)
Humidity Range : T1: 0 ~ 100%RH
Thermocouple Probes Measuring Range : T2: -200 ~ 1,370°C (-328 ~ 2,498°F) K-type
T1 Accuracy : ±0.7°C / ±2.5%RH When Environment Temperture at 25°C
T2 Accuracy : Thermocouple probes ±(0.3%+1°C) between -200~200°C
Resolution : 0.1°C / 0.1%RH
Sensor : electronic capacitance polymer film sensor/NTC(Negative Temperature Coefficient） Thermistor
Product Features
TIME DISPLAY : mm:ss
DATA LOGGING : 16,000 (MAS 255 set)
RECORDING INTERVAL SETUP : 1 Sec. ~ 60 Min.
HOLD FUNCTION (HOLD)(HOLD) :
TEMPERATURE UNIT SELECTABLE (F/C) : °C／°F
MEASURING DISPLAY : Mainly：Humidity / Secondary ：T1 Temp. and T2 Temp.
RELATIVE VALUE (REL) :
MAXIMUM AND MINIMUM FUNCTION (MAX/MIN) :
AUTO SHUT OFF :
TRIPOD PLACED HOLE :
DC9V EXTERNAL POWER CONNECTOR (Transformer is optional) :
RS-232 (Transmission line and software are optional) :
Product Information
Working Environment : 0~50°C / lower than 90%RH without dew。
Storage Environment : -10~40°C / lower than 70%RH without dew。
Elevation Limitation : Lower than 1,000 meters
Power Supply : 9V Battery x 1
Dimension : 186 x 64 x 30mm
Weight : Approx. 320 g
Accessory : 9V Battery , Manual, USB Cable and software