

TECPEL® TECPEL CO., LTD.

Digital Hygro Thermometer DTM-323



- ❖ Highly stable humidity Measurement
+/-2.5%
- ❖ Processing & RH and temperature
simultaneously
- ❖ Two temperature sensors (NTC and
K-Type) & Humidity sensor together
- ❖ Wet/Dry bulb, dew point and %RH
- ❖ Easy switching between K/NTC/K-DP
- ❖ MAX/MIN/AVG/REL/HOLD
- ❖ Auto power off function

SPECIFICATIONS

- Specification of DTM-323:
 - Display: 5 digit liquid crystal display (LCD) with a maximum reading of 888.8
 - Polarity: Automatic, positive implied, negative polarity indication.
 - Low battery indication: The “ ” is displayed when the battery voltage drops below the operating level.
 - Operating environment: 0°C to 50°C at Storage environment: -20°C to 60°C, 0 to 70% R.H. with battery removed from meter.
 - Accuracy: Stated accuracy at 23°C±5°C ,Battery: 1.5Vx4pcs AAA size.
 - Dimensions: 160mm(H) x 83mm(W) x 38mm(D).
 - Weight: approx. 265g including batteries.
 - Temperature Range: -50°C to 1000°C, -50°F to 1832°F
 - Accuracy: ±(0.1% rdg+1°C) on 50°C to 1000°C
 - ±(0.1% rdg+2°F) on -50°F to 1832°F
 - Temperature Sensor: Thermistor temperature sensor
 - Range: 0°C to 60°C, 32°F to 140°F
 - Resolution: 0.1°C/°F
 - Accuracy:
 - ±2°C on 0°C to 10°C, ±0.5°C on 10°C to 45°C
 - ±2°C on 45°C to 60°C
 - ±4°F on 32°F to 50°F, ±1°F on 50°F to 113°F
 - ±4°F on 113°F to 140°F
 - Relative Humidity Sensor: Capacitive humidity sensor
 - Range: 0% to 100% RH
 - Accuracy:
 - ±2.5% at 25°C(77°F), 10% to 90% RH
 - ±5% at 25°C(77°F), 0% to 10% RH, 90% to 100% RH
 - Sensor Response Time for 90% of Total Range: 60 sec typical.