

Specifications for DC Voice coil temperature meter MODEL OMT-404

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1. Summary

Model OMT-404 is a temperature meter to measure the temperature of voice coil of the speaker unit applying the DC voltage.

This model displays temperature, DC resistance, and input voltage value for measurement result of the voice coil at the same time with digital. And also the measured value is stored in the USB flash drive at constant time interval.

Notice : DC power supply are not included this model.

2. Specifications

- Measuring temperature range : 0°C to 400°C (Measurement display up to 999°C)
- Surrounding temperature of the speaker under test : -40°C to 100°C
- DC resistance of the speaker : 2 Ω to 35 Ω (At 20°C)
- Material of voice coil : Copper or Aluminum
- Maximum input current : 50ADC
- Maximum input voltage : 100VDC
- DC resistance measurement range : 2 Ω to 100Ω Resolution 0.01 Ω
- Input voltage measurement range : 0.1V to 100VDC Resolution 0.1V
- Measurement interval : 0.1 seconds or 1second, are 10seconds selectable.
- Number of measurements : 1 to 99,999times or continuous measurement.
- Measurement data storage : Temperature, DC resistance and DC voltage are saved by CSV in a USB flash drive.
- Power source : AC 100, 110, 120, 200 220 or 240 V
One of the voltages must be specified by customer for transformer tap arrangement at factory before shipment.
- Power consumption : About 20W
- Dimensions : 252mm(W) × 112mm(H) × 238mm(D)
- Mass : About 3.8 Kg

3. Appearance figure



Design and specifications are subject to change with out notice.