

ETHOS 4455 SPECIFICATION

General Specification

- Environment condition of using:
- Working environment: 0~40°C <80%RH
Storage environment: -10~60°C <70%RH without batteries
- Sampling rate: about 2 times/second
- Display: 3 1/2 bit LCD
- Thermocouple open indication:
When not connected to a thermocouple or thermocouple open, display environment temperature
- Low battery indication: when the battery voltage is lower than the normal working voltage, "E+" will be displayed on the LCD display
- Power requirement: 2x1.5V AAA batteries
- Dimension: 128x61x25mm
- Thermocouple probe: TP-01 type K thermocouple probe with plug
Is a speeding reaction bead thermoelectric coupling, generally applicable to many fields.
Range: -50°C ~250°C (-58°F ~482°F)
Accuracy: ± 0.5%+1°C
Length: 1 m, With a miniature plug

Accuracy Specification

The accuracy applies within one year after the calibration.

Reference condition: the environment temperature 18° to 28°C, the relative humidity is no more than 80%.

ETHOS
Test Instruments

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Centigrade

Range	Resolution	Accuracy
-50.0°C ~ -20.0°C	0.1°C	±6°C
-20.0°C ~ -0.0°C	0.1°C	±3°C
0.0°C ~ 200°C	0.1°C	±(1.0%read+2°C)
200°C ~ 500°C	1°C	±(1.0%read+2°C)
500°C ~ 750°C	1°C	±(1.0%read+3°C)

Fahrenheit

Range	Resolution	Accuracy
-58.0°F ~ -4.0°F	0.1°F	±8°F
-4.0°F ~ 32.0°F	0.1°F	±5°F
32.0°F ~ 200°F	0.1°F	±(1.0%read+4°F)
200°F ~ 932°F	1°F	±(1.0%read+4°F)
932°F ~ 1382°F	1°F	±(1.0%read+5°F)



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