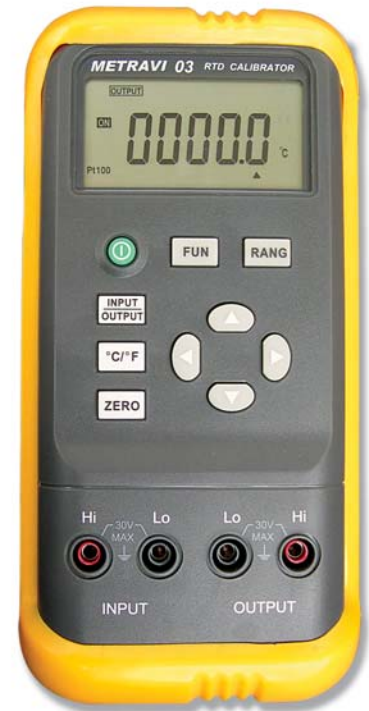


## GENERAL SPECIFICATIONS

<b>Power supply</b>	: Single 9V battery (ANSI/NFPA or IEC6LR619V alkaline)
<b>Battery life</b>	: ca.25 hours
<b>Max. permitted voltage</b>	: 30v (between any two terminals or between any terminal and earth ground)
<b>Operating temperature</b>	: 0°C to 50°C
<b>Operating relative humidity</b>	: ≤ 80% RH
<b>Storage temperature</b>	: ≤ -10°C to 55°C
<b>Storage humidity</b>	: ≤ 90% RH
<b>Size</b>	: 200×100×40 mm (with holster)
<b>Weight</b>	: 550g (with holster)
<b>Accessories</b>	: operation instruction, a set of industrial test lead (with alligator clips)
<b>Safety</b>	: certified as compliant to IEC1010 provisions (safety standard issued by International Electrotechnical Commission)



## TECHNICAL SPECIFICATIONS

### Performance Capabilities

**Output function & Specification** : Applicable to temperature range from 18 to 28°C, within one year after calibration

Output	Range	Output Range	Resolution	Accuracy	Remark
OHM	400Ω	0.0 to 400.0Ω	0.1Ω	± 0.05% of set value ± 0.2Ω	± 1mA exciting current Notes 1 & 2
RTD	Pt100	-200.0 to 850.0°C	0.1°C	±0.05% of set value ±0.6°C	± 1mA exciting current use Pt100-385 Measuring current 1mA Notes 1&2
	Cu50	-50.0 to 150.0°C	0.1°C		± 1mA exciting current Notes 1 & 2

**Input function & Specification** : Applicable to temperature range from 18 to 28°C, within one year after calibration

Input	Range	Output Range	Resolution	Accuracy	Remark
OHM	400Ω	0.0 to 450.0Ω	0.1Ω	± 0.05% of means ± 0.2Ω	± 1mA means current Notes 1 & 2
RTD	Pt100	-200.0 to 850.0°C	0.1°C	±0.05% of set value ±0.6°C	± 1mA exciting current use Pt100-385 Measuring current 1mA Notes 1&2
	Cu50	-50.0 to 150.0°C	0.1°C		± 1mA exciting current Notes 1 & 2

Note 1: without accessory lead resistance

Note 2: range of exciting current: 0.5mA to 2mA; max. output voltage: ≤ 2V

Note 3: temperature coefficient: ±0.005% of range per °C for the temperature ranges from 0 to 18°C and from 28°C to 50°C

\*Technical Specifications & Appearance are subject to change without prior notice