

Order Code : 20213590.1.1

Name : Thermal Multimeter



| | |
|--------------------------|----------------------------------|
| IR Resolution | 160 × 120 (19,200 pixels) |
| Thermal Imaging Detector | FLIR Lepton® microbolometer |
| Temperature Sensitivity | ≤150 mK |
| Emissivity Settings | 4 presets with custom adjustment |
| Temperature Accuracy | 3°C or 3% whichever is greater |
| Temperature Range | 14°F to 302°F (-10°C to 150°C) |
| Field of View | 50° × 38° |
| Laser Pointer | Yes |
| Focus | Fixed |
| Thermal Imaging Palette | Iron, Rainbow, Grayscale |
| Level & Span | Auto |

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|----------------------------|--|
| Continuity Check | 600 Ω |
| Measuring Rate | 3 samples per second |
| Min/Max/Avg | Yes |
| General Information | |
| Connectivity | - |
| Data Logging & Storage | - |
| Auto Power Off | Yes |
| Worklights | Yes |
| Display Size | 2.8 in TFT screen |
| Battery | 4 AAA batteries; optional TA04 Li-Poly rechargeable battery |
| Drop Test | 3 m |
| IP Rating | IP54 |
| Safety Category Rating | CAT III-1000V, CAT IV-600V |
| Size (L × W × H) | 200 × 95 × 49 mm (7.9 × 3.7 × 1.9 in) |
| Weight | 537 g (18.9 oz) |
| Warranty | 10 year on product and detector |

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.

TESCA TECHNOLOGIES PVT. LTD.

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Website: www.tesca.in

| True RMS | Yes | |
|----------------------------------|--|-------------------------------------|
| | Range | Basic Accuracy |
| AC / DC Voltage | 1000 V | ±1.0% / 0.09% |
| AC / DC mV | 600.0 mV | ±1.0% / 0.5% |
| VFD AC Voltage | 1000 V | ±1.0% |
| AC / DC LoZ V | 1000 V | ±2.0% |
| AC / DC Current | 10.00 A | ±1.5% / 1.0% |
| AC / DC mA | 400.0 mA | ±1.5% / 1.0% |
| AC / DC μ A | 4,000 μ A | ±1.0% |
| Resistance | 6.000 M Ω 50.00 M Ω | ±0.9% ±3.0% |
| Capacitance | 10.00 mF | ±1.9% |
| Diode Test | 1.500 V | 0.400 V to 0.800 V, typical reading |
| Flex Clamp Range | 3000 A AC (Optional TA72/74) | ±3.0% + 5 digits |
| Frequency | 100.00 kHz | ±0.1% |
| Temperature, Type-K Thermocouple | -40.0°F to 752.0°F -40.0°C to 400.0°C | ±1.0% + 5.4°F ±1.0% + 3°C |

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