

2. Specifications

Ranges:	AC Current 200A/2000A (0-199.9A/1999A) AC Voltage 200V/750V (0-199.9V/750V) Resistance 200 Ω (0-199.9 Ω)
Accuracy	AC Current at 50/60Hz $\pm 1\%$ of rdg. ± 2 dgt (0-1500A) $\pm 2.5\%$ of rdg. ± 2 dgt (1500-1999A) at 40Hz-1KHz $\pm 2\%$ of rdg. ± 2 dgt (0-1500A) $\pm 5\%$ of rdg. ± 2 dgt (1500-1999A)
Open Circuit Voltage:	AC Voltage at 50/60Hz $\pm 1\%$ of rdg. ± 2 digit at 40Hz-1KHz $\pm 1.5\%$ of rdg. ± 3 dgt
Open Short Circuit Current:	Resistance $\pm 1.5\%$ of rdg. ± 2 digit Approx. 3V
Withstand Voltage:	Approx. 1mA 2500V AC for one minute between electrical circuit and housing case or metallic section of transformer jaws.
Insulation Resistance:	10M Ω min./1000V between electrical circuit and housing case or metallic section of transformer jaws.
Dimensions:	245 (L) x 70 (W) x 36 (D)mm
Weight:	Approx. 400g (battery included)
Size of Conductor under Test	Approx. 55mm max.
Frequency Response:	40Hz-1KHz

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Power Source: One type 6F 22, 006P (or equivalent) 9V manganese dry battery (continuous operation up to 400 hours)
Accessories: Test Leads, Carrying Case, Operating Instructions (included)
(optional) Multi-Tran Model 8008, Energizer Model 8021

Note: Maximum allowable time for AC current measurement
Continuous for 1000-1500A
15 minutes for 1500-1999A
5 minutes for 1500-1999A

General Operating Principle: Dual integration system.
Display: Field effect 3-1/2 digit liquid crystal display with maximum reading of 1999
Sensing: Average sensing, calibrated in RMS of a sine wave.
Range Switching: Manual.
Low Battery Indication: "B" sign shows.
Overrange Indication: "1" is displayed on highest digit (except on 750V AC range).
Response Time: Approx. 1 second
Sample Rate: Approx. 3 times per second
Peak Hold: Reads $1/\sqrt{2}$ of peak input AC current and voltage (RMS calibrated reading when a sinusoidal AC current and voltage is measured)
Peak Hold Time Accuracy: Approx. $\pm 1\%$ of initial peak reading 1 minute after peak hold
Peak Response Time: 10ms or 100ms is switch selected
Data Hold: All ranges.
Storage Temperature & Humidity: -20°C ~ +60°C at 80% max. relative humidity
Operating Temperature & Humidity: -10°C ~ +50°C at 85% max. relative humidity

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