

Technical Information	
Insulation (Nominal test voltages)	10V, 25V, 50V, 100V, 250V, 500V
Range Full Scale Accuracy	All ranges $\pm 2\%$ ± 2 digits up to 100 M Ω
Analogue Range	1 G Ω full scale
Short Circuit Current	2 mA +0% -50%
Terminal Voltage	-0% +20% ± 1 V (Ii < 1 mA)
Test Current on Load	1 mA at min. pass value of insulation
Leakage Current Range	10 μ A to 2000 μ A
Leakage Current	10% ± 3 digits
Voltage Display	3% ± 3 digits $\pm 0.5\%$ of rated voltage
Dielectric Absorption Ratio (DAR)	60sec / 30sec ratio
Continuity Accuracy	$\pm 2\%$ ± 2 digits (0 to 100 Ω)
Open Circuit Voltage	5V ± 1 V
Test Current	205 mA (± 5 mA) (0.01 Ω to 9.99 Ω)
	20 mA (± 1 mA) (10.0 Ω to 99.9 Ω)
Lead Resistance Zeroing	Up to 9.99 Ω
Buzzer	Variable limit 1 Ω , 2 Ω , 5 Ω , 10 Ω , 20 Ω
Resistance	0.01 k Ω to 1000 k Ω (0 to 1 M Ω on analogue scale)
	Accuracy: $\pm 3\%$ up to 50 k Ω then $\pm 5\%$ ± 2 digits

	Open circuit voltage: 5V \pm 1V
	Short circuit current: 1.5 mA \pm 0.2 mA
Voltage Range	0 to 600 V d.c. \pm 2% \pm 2 digits
Default Voltmeter	Operates at >25 volts a.c. or d.c., on any range except OFF
	Frequency: 15-400Hz (15Hz - 99,9Hz) \pm 0.5% \pm 1 digit (100Hz to 400Hz)
Power Supply	5 x 1.5V cells type IEC LR6 (AA, MN1500, HP7, AM3 R6HP)
Battery Life	2200 insulation tests with duty cycle of 5 sec on 55 sec off
Temperature	Operating range -20°C to +55 °C
	Operating humidity 95% RH at 0°C to +35°C, 70% RH
Storage Temperature Range	-22°F (-30°C) to 176°F (80 °C)
Dust and Water Protection	IP54
Size	220 x 92 x 50 mm (8.66in x 3.63in x 1.97in)
Weight	1.3 lbs, 1.7 lbs w/case
Standards	ESD TR53