



ACT/223 ADVANCED INSULATION TESTER SPECIFICATIONS

Insulation Resistance Measurement		
Insulation test voltage	Range	Accuracy
50V	300KΩ/3.00MΩ/30.0MΩ/300MΩ/1.00GΩ	±(3%rdg+5dgts) (30KΩ~1.00GΩ)
100V	600KΩ/6.00MΩ/60.0MΩ/600MΩ/2.00GΩ	±(3%rdg+5dgts) (60KΩ~2.00GΩ)
250V	1.50MΩ/15.0MΩ/150MΩ/1.50GΩ 5.0GΩ	±(3%rdg+5dgts) (0.15MΩ~1.50GΩ) ±(10%rdg+3dgts)
500V	3.00MΩ/30.0MΩ/300MΩ/3.00GΩ 10.0GΩ	±(3%rdg+5dgts) (0.30MΩ~3.00GΩ) ±(10%rdg+3dgts)
1000V	6.00MΩ/60.0MΩ/600MΩ/6.00GΩ 20.0GΩ	±(3%rdg+5dgts) (0.60MΩ~6.00GΩ) ±(10%rdg+3dgts)

AC/DC Voltage			
Range	Resolution	Accuracy (AC: 45~500Hz)	Protection
60.00V/600.0V	0.01V/0.1V	±2%rdg+5dgts	600Vrms

Resistance			
Range	Resolution	Accuracy	Protection
600.0Ω/6.000KΩ/60.00KΩ/600.0KΩ	0.1Ω/0.001KΩ/0.01KΩ/0.1KΩ	2%rdg+5dgts	600Vrms

Continuity			
Range	Resolution	Accuracy	Protection
600.0Ω	0.1Ω	≤ 7Ω±1Ω	600Vrms

LoΩ		
Range	Resolution	Accuracy
6.00Ω/60.0Ω	0.01Ω/0.1Ω	2%rdg+3dgts

Auto Power Off: Approx. 10 minutes
Approvals: EN61010 600V CAT IV
Electromagnetic Compatibility: EN61326-1
Battery: 1.5V size AA Alkaline battery x 4
Dimensions: 206x90x51 mm; Weight: 510g