

DIGITAL ISOLATION METER PE-451, PE-453, PE-457



Specifications PE-453	ISOLATION METER
Display	LCD 3 1/2 digits (2000 counts)
Accuracy mode Megaohm 20 MΩ 200 MΩ 2000 MΩ	± 1.5 % reading ± 2 digits ± 2.5 % reading ± 2 digits ± 5.0 % reading ± 3 digits
Test voltage	250 V, 500 V, 1000 V DC ± 10 %
Accuracy mode voltmeter AC 0 - 750 V	± 1.5 % reading ± 2 digits
Impedance	10 MΩ
Accuracy mode in continuity measure 0-20 Ω 0-200 Ω 0-2 kΩ	± 2 % reading ± 4 digits ± 1.5 % reading ± 2 digits ± 1.5 % reading ± 2 digits
Short-circuit current	3 mA
Threshold of Beep Ranges	20 Ω, 200 Ω, 2 kΩ 8 Ω, 10 Ω, 40 Ω
Auto power off after 5 min. approx.	
Battery	6 batteries of 1.5 V
Dimensions	W. 100 x H. 52 x D. 163 mm

Specifications PE-457	ISOLATION METER ANALOG / DIGITAL AUTOMATIC
Display Autorange function Analog reading	LCD 3 3/4 digits (4000 counts) Megohm range Display of 50 segments in logarithm / linear scale
AC voltage Range Resolution Accuracy	600 V ACV 0.1 V 1.5 % reading + 3 digits (1 V ~ 600 V)
Continuity Range Resolution Accuracy	400 Ohm (Ish>200 mA) 0.1 Ω 1 % reading + 5 digits
MegaOhm Ranges	4000 MΩ/250 V c/autorange 4000 /400/40/4 MΩ 4000 MΩ/500 V c/autorange 4000 /400 /40 / 4 MΩ 4000 MΩ/1000 V c/autorange 4000 /400 /40 /4 MΩ
Resolution	1 kΩ in all ranges / voltages
Accuracy	3 % reading + 5 counts (< 1GΩ) 5 % reading + 3 counts (< 4 GΩ)
Battery	8 batteries 1,5 V R3
Dimensions	W. 190 x H. 140 x D. 77 mm
Weight	900 g approx.



Specifications PE-451	ISOLATION METER HANDHELD
Portable and easy to use	
Display	3 1/2 digits
Accuracy 20 MΩ 200 MΩ >500 MΩ	± (2 % rdg. + 2 digits) ± (4 % rdg. + 2 digits) ± (5 % rdg. + 2 digits)
Isolation test	500 V
Ranges	20 / 2000 MΩ
Connection for extern battery	
Battery	4 batteries 1.5 V R3
Dimensions W. x H. x D.	44 x 170 x 40 mm
Weight	160 g battery included

