

Wattmaster

THE BRAND ELECTRICIANS RELY ON

Analogue Insulation Tester

PART NO: WAT1652IN

FEATURES:

- High quality Taut Band movement
- Three insulation test voltages (DC): 250V, 500V, 100V
- Two continuity test on "low ohms": 3 Ω & 500 Ω
- AC voltmeter with linear scale up to 600 Vac
- 200mA short circuit current for continuity
- 1mA test current on insulation test at nominal voltage
- Automatic discharge of capacitive and inductive circuit with charge stored in the circuit under test
- Live warning and display of external voltage presence
- Fuse, air gap, crowbar and overload protected
- On line battery monitoring shows if battery is ok
- Manual zero ohm adjustment
- Low battery consumption
- Mirror scale
- Push and turn locking switch for continuous and hand free testing
- Supplied with high quality test leads
- BS 16th edition



ACCESSORIES:

PART NUMBER	DESCRIPTION
WAT1652IN-CC	Carry case
WAT1652IN-F	Spare fuse
WAT1652IN-SS	Shoulder strap
WAT1652IN-TL	Test leads

TECHNICAL DATA:

INSULATION RESISTANCE			
Test voltage (DC V)	250V	500V	1000V
Output voltage on open circuit	Rated test voltage +10%		
Measuring ranges	0-100M Ω	0-200M Ω	0-400M Ω
Mid-scale value	1M Ω	2M Ω	4M Ω
Scale multiplier	$\times 1/2$	$\times 1$	$\times 2$
Accuracy	$\pm 5\%$ of indicated value		
Output short-circuit current	Approx. 1.3Ma		

CONTINUITY	
Measuring ranges	3 Ω / 500 Ω
Zero Ω adjustment by knob	\checkmark
Output short-circuit current	≥ 200 mA
Accuracy	$\pm 1.5\%$ of scale length
AC VOLTAGE	
Range	0-600V AC
Accuracy	$\pm 3\%$ of scale length
GENERAL	
Voltage warning	Warning light circuit live lit from 90Vdc / 70Vac, Buzzer beep from 24Vac/dc
Dimensions	163(L) \times 122(W) \times 62(D)mm
Weight (battery included)	Approx. 553.5g
Power source	1.5V (AA) \times 6
Safety standard	EN 61010-1 CAT III 600V, EN 61326-1
Inclusions	Instruction manual, Test leads, Carry case, Batteries, Shoulder Strap

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www.wattmaster.com.au