

Kyoritsu 6201A Portable Appliance Tester

ME3201A

The KEW 6201A is a portable appliance tester, performing four functions to ensure the Safety of Class I and Class II appliances. And also can measure the mains voltage.

Readings are displayed on a large liquid crystal display (LCD) below which are four LEDs which unambiguously display a pass or fail indication for threshold values dictated by AS/NZS 3760.



Test Function

Test I Class	Protective conductor resistance Insulation (250V or 500V)
Test I SELECT Switch + Class	Protective conductor resistance Leakage Current test
Test II Class	Insulation (250V or 500V)
Test II SELECT Switch + Class	Leakage Current test
Extension Leads test	Protective conductor resistance Insulation P/N-PE Polarity
SELECT Switch + Extension Leads test	Protective conductor resistance Leakage Current test
Leakage Current Test	Leakage current measurement

RPE 20Ω Protective Conductor Resistance Test

Measuring range	0 - 15.00Ω
Resolution of measurement	10mΩ
Open circuit voltage	< AC 12V
Measuring current	10A AC nominal value
Accuracy	±3%rdg±5dgt

RINS 200MΩ Insulation Resistance

Rating	250V/20MΩ	500V/20MΩ
Measuring range	0 - 19.99Ω	
Resolution of measurement	10kΩ	
Output voltage	250V DC (+20%/-10%) @1MΩ	500V DC (+20%/-10%) @1MΩ
Short circuit current	2.5mA DC or less	
Accuracy	±2%rdg±3dgt	

ME3201A datasheet.pdf

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Leakage Current Test

Measuring range	AC 0.1 - 19.99mA
Resolution of measurement	0.01mA
Examination time	Max 15 seconds
Accuracy	$\pm 3\%rdg \pm 5dgt$

AC VOLT Mains Voltage Check

Measuring range	207 - 264V
Resolution of measurement	1V
Accuracy	$\pm 2\%rdg \pm 3dgt$

General

Supply voltage	240V $\pm 10\%$
Frequency	50Hz $\pm 1\%$
Applicable standards	IEC 61010-1 CAT III 300V Pollution Degree 2 IEC 61326-1 (EMC)
Dimensions	167(L) × 185 (W) × 89 (D) mm
Weight	1.2kg (only the instrument body)
Included Accessories	7123 (Power cord [AU]) 7129A (Test leads with alligator clip) 7161A (Flat test prod [black]) 7140 (Adapter for extension cord) 9147 (Cord case) 9121 (Shoulder strap) Instruction manual
Optional Accessories	7121B (Distribution board test leads)