

Portable Appliance Tester

The low-cost safety solution



TRIO-LCA

The TRIO-LCA is a low-cost, hand-held alternative to the TRIO SAFETCHECK portable appliance tester. It performs four functions to ensure the Safety of Class 1, Class 2 and Class 3 230V appliances. It can also measure the mains voltage.

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

This instrument is suitable for performing tests as required by the following standards:

AS/NZS 3760 : In-service safety inspection and testing of electrical equipment

General

Supply voltage	230V ±10%
Frequency	50/60Hz ±1%
Dimension	185 x 167 x 89mm (L x W x D)
Weight	1kg

Applicable standards

IEC 61010-1	Over voltage category 300V, Pollution degree 2
IEC 61326-1	EMC requirements

Accessories

- > Power Cord M7123 AU
- > Test Leads with alligator clip M7129
- > Flat Test Bar M7101
- > Adapter for Extension Cord (M7140)
- > Probe Case, Shoulder Strap, Instruction Manual

RPE Protective conductor test	
Measuring range	0 ~ 19.99
Resolution of measurement	10m
Short circuit current	200 ~ 250mA
Open circuit voltage	5.0 ±0.4V DC
Accuracy	± (2% + 3 digits)

VOLT AC voltmeter	
Measuring range	180 ~ 260V (50/60Hz)
Resolution of measurement	1V
Accuracy	±(2% + 3digits)

RINS Insulation Resistance		
Rating	500V/200M	250V/200M
Measuring range	0 ~ 19.99 / 199.9M (2 ranges auto)	
Resolution of measurement	0k1	10k
Output voltage	500V DC (+20% / -10%) @1M	250V DC (+20% / -10%) @1M
Short circuit current	5mA DC or less	
Accuracy	±(2% + 3digits)	

