

Portable Appliance Tester

Includes Free Reporting Software
or Digital Multimeter!



**SPECIAL
OFFER!**
Free **INSPECT**
Reporting Software
or **IDEAL 61-605**
Multimeter with
every **TRIO-LCB** sold*

Accessories Included

- Power Cord AU (M7 123)
- Test Leads with alligator clip (M7 129)
- Flat Test Bar (M7 101)
- Adapter for Extension Cord (M7 140)
- Probe Case, Shoulder Strap & Instruction Manual

For testing portable appliances to comply with AS/NZS 3760 In-service safety inspection and testing of electrical equipment.

Safety

- IEC/EN61010-1 CAT.III 300V - Instrument
- IEC/EN61010-031 CAT.III 300V(600V) - Test lead

TRIO-LCB

The TRIO-LCB is a low-cost, hand-held alternative to the SAFETCHECK Pro Logger Portable Appliance Tester.

In order to ensure the electrical safety of earthed appliances (Class 1), double insulated appliances (Class 2) and extension cords, the TRIO-LCB features:

Key Features

- Light weight, portable and robust construction
- Leakage current tests (Run Tests)
- 4 Dual colour LEDs for indication of Pass or Fail (For threshold values dictated by **AS/NZS 3760**)
- Measured values & test results displayed on a large liquid crystal display (LCD)
- Continuity warning to ensure the appliance is turned on
- Selectable insulation test voltage (250V or 500V)
- Calibration function for protective earth resistance test
- Mains voltage measurement
- Protective earth resistance test at 10Amp AC



QAM-0210 TRIO-LCB Flyer Special Offer (Revision 1.3) Issued 31 August 2007 * While stocks last / Limited technical support available / Offer not valid to resellers

ADELAIDE BRISBANE MELBOURNE SYDNEY

SALES: PH 1300 853 407 FAX 1300 853 409 sales@triosmartcal.com.au

SERVICE & CALIBRATION: PH 1300 134 091 safety@triosmartcal.com.au

www.triosmartcal.com.au

Portable Appliance Tester

Specifications (4.1 Users Manual)

VOLT measurement of main power supply	
Measuring range	207 ~ 264V AC
Resolution	1V
Accuracy	± (2% rdg +3dgt)

Measurement of Protective conductor resistance (R _{PE})	
Measuring range	0 ~ 19.99Ω
Resolution	10mΩ
Open-circuit voltage	<12V AC
Measuring current	10A AC nominal value
Accuracy	± (3% rdg +5dgt)

Measurement of Insulation resistance (R _{INS})	
Rating	250V/20MΩ and 500V/20MΩ
Measuring range	0 ~ 19.99MΩ
Resolution	10kΩ
Rated voltage	250V/500V DC (+20%/-10%) @ 1MΩ
Short-circuit current	2.5mA DC or less
Accuracy	± (2% rdg +3dgt)

Leakage current test	
Measuring range	0.1 ~ 19.99mA rms AC
Resolution	0.01mA
Accuracy	± (3% rdg +5dgt)
Examination time	Max 15 seconds

Threshold & Display

Equipment	Protective conductor resistance	Insulation resistance	Leakage Current
Class 1	R _{PE} ≤ 1Ω	R _{INS} > 1MΩ	I _{EL} ≤ 5mA
Class 2		R _{INS} > 1MΩ	I _{EL} ≤ 1mA
Extension Leads	R _{PE} ≤ 1Ω	R _{INS} > 1MΩ	I _{EL} ≤ 1mA

Accessories



Stainless Steel Cloak 300x600mm
STCIN-CLKS or STCIN-CLKL



INSPECT (Electronic log book)
INS-95



Test Tags and Barcode Labels (SL Series)
ATT-Series



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