

# INVENTIVE ELECTRONICS/ MEDICAL EQUIPMENT MANAGEMENT ELECTRICAL SAFETY TESTERS



(AS/NZS 3760/3551 ELEC-3S Appliance & Medical Tester)

Class I & Class II Tests, Full Extension & IEC Moulded Lead Tests.  
AS/NZS 3551 Tests including Applied Part Current plus Load & Inrush  
Current, Insulation Resistance from probe to A/N or Earth.  
AS/NZS3003 milliohm & millivolt CP Area Tests.

Tests can be performed with a single button press, single swipe of a  
barcode reader or can be driven from a palm or laptop computer.

Inventive Electronics and Medical Equipment Management are divisions of MEMIE  
A'ASIA Pty Ltd

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## FEATURES COMMON TO ALL MODELS

1. **Single push button press** to perform groups of tests.
2. Single Bar Code Scan for asset data entry and to perform test.
3. Single Bar Code Scan to enter change of test personnel or test site.
4. Individual tests can be manually selected and maintained.
5. Comments fields available for onsite costings or service codes.
6. Test number and comments review facility.
7. Basic Download Software provided with each unit.
8. Bar Code Software provided with each unit.
9. Testers can be driven directly from a portable computer.
10. Comprehensive Instruction Manual provided with each unit.
11. Twelve months warranty with free calibration at the end of the warranty period.  
Next calibration period is two yearly.

## SINGLE PRESS TEST GROUPS

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|---|--|---|
| <p><b>1.</b><br/><b>AS/NZS3760 - Class I</b><br/>(i) Ground Wire Resistance<br/>(ii) Insulation Resistance A/N-E<br/>(iii) Earth Leakage Current Neutral Open.</p>  | <p><b>2.</b><br/><b>AS/NZS3760 - Class II</b><br/>(i) Insulation Resistance A/N - Socket<br/>(ii) Enclosure Leakage Current Neutral Open. (Via IR Socket)</p>  | <p><b>3.</b><br/><b>Moulded IEC or Extension Lead Tests</b><br/>(i) Active Wire Resistance<br/>(ii) Neutral Wire Resistance<br/>(iii) Earth Wire Resistance<br/>(iv) Insulation Resistance A-N<br/>(v) Insulation Resistance A/N-E</p>  |
| <p><b>4.</b><br/><b>AS/NZS3551</b><br/><b>No Applied Parts</b><br/>(i) Ground Wire Resistance<br/>(ii) Insulation Resistance A/N-E<br/>(iii) Active to Earth Voltage<br/>(iv) Earth Leakage Current N/O<br/>(v) Earth Leakage Current</p>   | <p><b>5.</b><br/><b>AS/NZS3551</b><br/><b>Type B Applied Parts</b><br/>(i) Ground Wire Resistance<br/>(ii) Insulation Resistance A/N-E<br/>(iii) Active to Earth Voltage<br/>(iv) Earth Leakage Current N/O<br/>(v) Earth Leakage Current<br/>(vi) Applied Part Current<br/>(vi) Applied Part Current N/O<br/>(vii) Applied Part Current E/O</p> | <p><b>6.</b><br/><b>AS/NZS3551</b><br/><b>Type BF Applied Parts</b><br/>(i) Ground Wire Resistance<br/>(ii) Insulation Resistance A/N-E<br/>(iii) Active to Earth Voltage<br/>(iv) Earth Leakage Current N/O<br/>(v) Earth Leakage Current<br/>(vi) Applied Part Current<br/>(vii) Applied Part Current N/O<br/>(viii) Applied Part Current E/O</p> |
| <p><b>7.</b><br/><b>AS/NZS3551</b><br/><b>Type CF Applied Parts</b><br/>(i) Ground Wire Resistance<br/>(ii) Insulation Resistance A/N-E<br/>(iii) Active to Earth Voltage<br/>(iv) Earth Leakage Current N/O<br/>(v) Earth Leakage Current<br/>(vi) Applied Part Current<br/>(vii) Applied Part Current N/O<br/>(viii) Applied Part Current E/O</p> | <p><b>Note: ELEC-3S Model uses the IR socket to measure Applied Part Current and does not do Mains Contact Current Tests.</b></p> <p><b>All models now incorporate the 250 Volt Insulation Resistance Tests.</b></p>   |   |

DIMENSIONS	All Plastic Case Models
<b>Width</b>	30 centimetres
<b>Depth</b>	31 centimetres (36 with handle in front)
<b>Height</b>	17 centimetres (18 with handle on top)
WEIGHT	
<b>Unpacked</b>	4.5 kilograms
<b>Packed</b>	7.0 kilograms