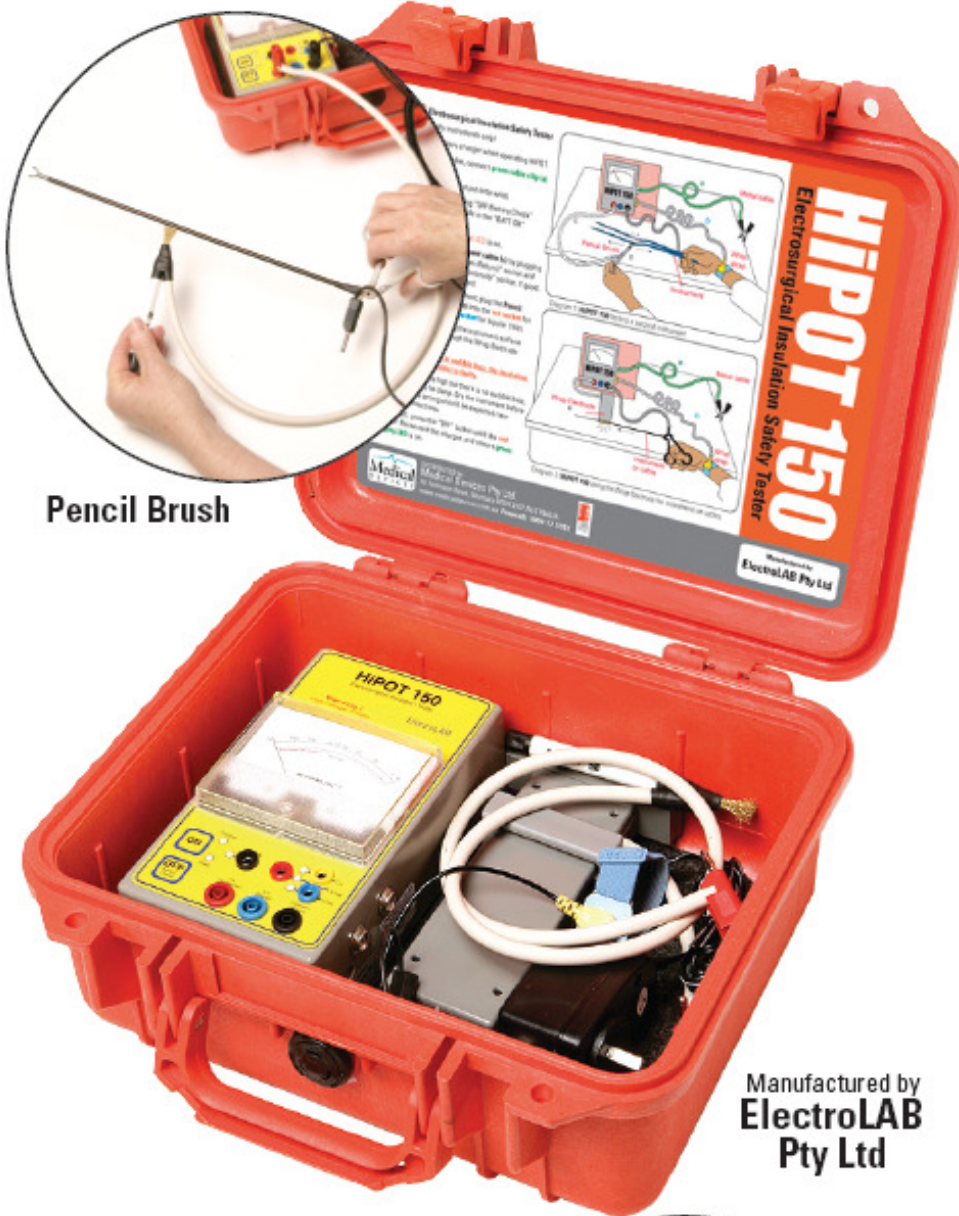


# HiPOT 150 Electrosurgical Insulation Safety Tester

Designed to test laparoscopic instruments for insulation failure to ensure the prevention of alternative site burns which can be extensive and cause significant post-operative infection and trauma to patients.



Pencil Brush

Manufactured by  
**ElectroLAB**  
Pty Ltd

## Wrap Electrode Adapter

- Tests long instruments and cables
- Enables 360° wrap around test coverage of the instrument or cable
- Replaceable braid tongue and cushion



# HiPOT 150

Electrosurgical Insulation Safety Tester



Medical Devices Pty Ltd.  
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Mortlake NSW 2137  
Freecall: 1800 77 5151



# HIPOT 150

## Electrosurgical Insulation Safety Tester



### Specifications:

<b>Tests Available</b>	<ul style="list-style-type: none"> <li>• Monopolar insulation (4300VDC)</li> <li>• Bipolar insulation (1000VDC)</li> <li>• Continuity</li> <li>• Pencil switch and continuity</li> <li>• Cable insulation</li> </ul>	<p>Insulation breakdown indicated by solid tone, Ionisation sound from in-built speaker, meter deflection and arcing.</p> <p>Continuity LED (yellow) and tone &lt;4 ohms</p> <p>Switch LED (yellow cut/ blue coag) and tone &lt;120 ohms</p> <p>Continuity, active electrode, LED (red) and tone &lt;8 ohms</p>
<b>Test Voltages</b>	<ul style="list-style-type: none"> <li>• Voltage between HV (Monopolar) and GND terminal</li> <li>• Voltage between 1kV (Bipolar) and GND terminal</li> </ul>	<p>Test voltage 4300 V DC <math>\pm</math> 200 V @ 110M<math>\Omega</math> Current limited to <math>\approx</math> 40<math>\mu</math>A</p> <p>Test voltage 1000 V DC <math>\pm</math> 100 V @ 33M<math>\Omega</math> Current limited to <math>\approx</math> 33<math>\mu</math>A</p>
<b>Battery and Charger</b>	<ul style="list-style-type: none"> <li>• Capacity 12 hours running</li> <li>• Auto switch off</li> <li>• Charger constant voltage, current limited. Can be continuously charged</li> </ul>	<p>2 x 6V 1.3Ah sealed lead acid gel batteries 300mA PTC protection.</p> <p>After 5 – 10 mins idle or when battery &lt;10V</p> <p>Plug Pack 240 V AC 50Hz 6 V DC 300mA</p>
<b>Accessories</b>	<ul style="list-style-type: none"> <li>• Elastic wrist strap and cable</li> <li>• Grounding Wire</li> <li>• Testing Brush</li> <li>• Wrap Electrode Adapter</li> </ul>	<p>10mm snaps, 2M<math>\Omega</math> in-line resistor.</p> <p>10mm snap to Large Clip</p> <p>Retractable brass, replaceable insert</p> <p>Replaceable strip and foam cushion</p>
	<ul style="list-style-type: none"> <li>• Weight</li> <li>• Size</li> <li>• EMC tested to AS/NZS CISPR 11:2002</li> </ul>	<p>4kg</p> <p>W330mm x H150mm x D300mm including handle</p>