

MM513

Insulation Defect Tester with Rechargeable Battery!

McGan Technology's MM513

Electrosurgical insulation defect detector is a compact, hand held, battery operated unit that is used to detect and locate defects such as pinholes, cracks and bare spots in protective coatings applied over conductive instrument's surfaces.

Application:

- Insulation defect testing of electrosurgical instruments and cables
 - ◆ Laparoscopic
 - ◆ Endoscopic
 - ◆ Intra-operative instruments
 - ◆ Monopolar and bipolar surgical devices
- Checks both disposable and reusable instruments

Features:

- LED voltage indicator
- Voltage control up and down buttons
- Visual and audible alarm indicator
- On Switch
- Off Switch
- Adjustable from 0 to 5 kV
- Ground wire with alligator clip
- Rechargeable LiPo battery



- Battery pack and charging adaptor (optional)
- Light weight portable unit
- Reusable / Interchangeable Brush or Ring electrode
- Simple operation, easy to read LED indicators
- Maintains applied test voltage with constant current source
- Full test current at low voltages.
- Limited Output current for operator safety
- LED displays alarm and bat

McGan
Technology

Examples of the test set-up are shown below:



Device Specifications:

- Weight: 305g (0.672 lbs.)
- Display: LCD
- Voltage: 0 to 5kV adjustable
- Resolution: 10V
- Current Output: < 0.1mA at probe
- Short Circuit: Test current 170mA @3kV
- Power Supply: 3.6v LiPo (Lithium polymer battery)
- Dimensions: 215x 78 x 38mm
8.5 x 3.1 x 1.5 inches
- Alarm: Audible and Visual
- Frequency: DC

MM513 System includes:

- Detector-Base unit
- Battery with AC re-charger*
- 2m (6ft) lead ground wire with clamp (green)
- Electrode Saddle
- 8mm (0.31inch) wide brass wire brush
- Ring Electrode with brass wires
- Tri-Hole electrode
- Carrying case
- Quick Operation Guide (manual).
- CD with full operating manual and additional information.

*UL marked

Compliance:

- ANSI/AWWA C213-94
- UL (Power Adaptor)
- JIS G-3491, JIS G-3492

