



McGan Insulation Tester

MM513-100 & MM513-600



Verify the Insulation Integrity of Electrosurgical Equipment

Designed for electrically testing electrosurgical instruments, the low frequency, high voltage Insulation Tester is used to detect and locate defects such as pinholes, cracks and bare spots in the jacket or coating of laparoscopic and bi-polar electrosurgical instruments.

The Insulation Tester is a handheld, portable unit that tests the insulation integrity of electrosurgical equipment for flaws in protective coatings applied over conductive instrument surfaces in order to prevent inadvertent tissue burns, which may occur during electrosurgical instrument procedures.



Safe to Operate



Simple Functionality



LED Display & Indicators



Rechargeable Battery

Specifications

| | |
|------------------|---|
| Voltage | 0 to 5 kV (fully adjustable) |
| Power Supply | 1800 mAh Li-Polymer Battery |
| Unit Dimensions | 8.5 x 3.1 x 1.5 inches (215 x 78 x 38 mm) |
| Current Output | < 0.1 mA (0.0001 A) at probe |
| Short Circuit | Test current < 0.1 mA max |
| Unit Weight | 0.672 pounds (305 g) |
| Operational Time | 10 Hours (up to 1000 instruments) |
| Recharging Cycle | 2 to 4 Hours |

Meet AAMI Guidelines for Instrument Inspection

ANSI/AAMI ST79 Amendment 2, 2020

8.2.1 Inspection of Instruments intended to be Used with Electric Current











Instrumentation intended for use with electric current should be tested for integrity each time it is processed.

Each insulation tester may be supplied with a variety of accessories to test specific instrumentation and cables/cords based on their design.

Cables/cords are also a source of concern and need to be inspected and checked for integrity and continuity.



McGan Insulation Tester Accessories

| Accessory Name | Item Number | Instrument Type | Voltage Setting* | Accessory Image |
|-------------------------|-------------|--|------------------|---|
| Brush Electrode | MMBRU-0007 | Bipolar Instruments Monopolar Instruments Instrument Handles | 2.8kV ±0.3kV |  |
| LS Ring Electrode | MMLSE-0029 | Monopolar Instruments | 2.8kV ±0.3kV |  |
| Tri-Hole Electrode | MMTRI-0022A | Monopolar Instruments | 4.2kV ±0.3kV |  |
| Wire Tester | MMWIT-200A | Electro-Surgery Cables/Cords (Monopolar and Bipolar) | 4.2kV±0.3kV |  |
| Bipolar Fixture Adaptor | MMBPT-190 | Bipolar Fixture Accessory | N/A |  |
| Lead Coupler | 6383 | To be used in conjunction with other Insulation Tester accessories | N/A |  |
| Saddle Block Adaptor | MMSBT-170 | To be used in conjunction with other Insulation Tester accessories | N/A |  |
| HV Red Wire | MMRWP-0015 | To be used in conjunction with other Insulation Tester accessories | N/A |  |
| Green Grounding Wire | MMGWC-0005L | To be used in conjunction with other Insulation Tester accessories | N/A |  |
| AC Charger | MM513-120 | N/A | N/A |  |

* Follow device OEM IFU for required/recommended testing voltages

Interested in a demonstration?

Contact your local Healthmark sales representative or call
800.521.6224 to speak to a customer service representative

Visit [hmark.com](https://www.healthmark.com) to learn more about the McGan Insulation Tester &
other instrument inspection solutions available from Healthmark



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