

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	
Saddle Block Adaptor	MMSBT-170	To be used in conjunction with other Insulation Tester accessories	N/A	
Lead Coupler	6383	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	

* 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

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other instrument inspection solutions available from Healthmark



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