

DIELECTRIC GLOVE TESTER - RPG 40

Portable high voltage DC testing equipment. Used for dielectric testing of gloves, sleeves, blankets, and insulated tools.

Highlights

- DC tests up to 40kV (Class 3)
- Graduated tank
- Pre-programmed tests
- Battery-powered autonomous device
- Lightweight and compact design
- IP55 protection rating
- Maximum operator safety

Description

The dielectric tester for gloves, sleeves, blankets, and insulated tools, model RPG 40, is a battery-powered autonomous high-voltage generator with a negative polarity DC output voltage from 0 to 40 kV. This makes it particularly suitable for tests according to IRAM and similar standards for classes 00, 0, 01, 02, and 03.

Nowadays, more maintenance tasks are performed under live conditions, which is why routine dielectric testing of gloves, sleeves, blankets, and insulated tools is essential to prevent accidents during maintenance work. The RPG 40 dielectric tester includes pre-programmed tests, allowing for automation, minimizing errors, and providing the user with clear and quick feedback on the tested material's condition within seconds. Its powerful DC high-voltage source delivers enough energy to puncture gloves and other materials that are unsuitable for use.

A distinguishing feature of the RPG 40 dielectric tester is its design, which is tailored for field use without the need for bulky equipment or specialized labs. Thanks to its internal battery, compact size, and minimal weight, the RPG 40 is a true portable testing laboratory.

The RPG 40 dielectric tester is designed to provide maximum protection for both the operator and the equipment, while also being easy to operate. Its rugged construction allows it to function in the harshest weather conditions, and its conservatively rated components ensure maximum reliability during operation.

Scope of Supply

- Graduated test tank
- Test probe and retaining ring
- 220 V AC power/charging cable
- 3 m safety grounding cable
- Carrying bag for test tank
- Operating manual



Clase	Manual
00 [4kV]	▼▲ [4kV]
0 [10kV]	→▼▲ [40kV]
1 [20kV]	
2 [30kV]	
3 [40kV]	
	RPG40v1

MADE IN ARGENTINA

TECHNICAL SPECIFICATIONS

RPG 40

Maximum DC voltage	40kVcc (*)	
Measurement	DIGITAL	
Overload protection/Auto cut	YES, programmable between 10µA and 1mA	
Language	Spanish / English	
Manual test	Yes	0 a 4kV / 0 a 40kV
Pre-tested programs	Yes	Class 00 - 4kV Class 0 - 10kV Class 01 - 20kV Class 02 - 30kV Class 03 - 40kV
Timer	Programmable between 10 sec to 20 min (*)	
Auto off	Programmable 5min / 20min	
Dimensions mm. (height, width, depth)	340 x 415 x 215	
Weight	9,0 kg (with cables)	
Protection degree IP55	IP 55	
Power supply / Charge	100 – 240 VAC 50/60HZ	
Internal power supply	12 VDC (w/battery)	
Battery performance	Test at Class 3 / 40kV	
	More than 110 trials	>120 min.
Operating temperature	-10°C / +50°C	

(*) Other specifications available upon request.