

## INSULATION TESTER RPA 100/140CA

Portable High Voltage DC/AC Testing Equipment.  
Used for dielectric testing of cables and installations.

### Highlights

- Maximum operator safety due to its protective interlocks and operational safeguards.
- Digital measurements: kV,  $\mu$ A, mA, M $\Omega$ , and G $\Omega$ .
- Easy to operate.
- Quick and simple assembly.
- Compact design.
- Built-in transport cart.

### Description

The RPA insulation tester is a device for dielectric strength testing with alternating and direct current voltages on cables, components, and installations, according to VDE standards. It consists of an operation unit and a high voltage unit, RPA 100/140AC (100 kV AC / 140 kV DC). Its compact and lightweight design allows for easy transportation and use at the testing site.

### It is used, among other applications, for

**Alternating Current (AC):** Testing of insulating rods, dielectric gloves, vacuum bottles, vacuum switches, contacts, aerial hydraulic platforms, and dielectric clothing. Testing of electrical installations. Testing of newly installed cables and splices before commissioning.

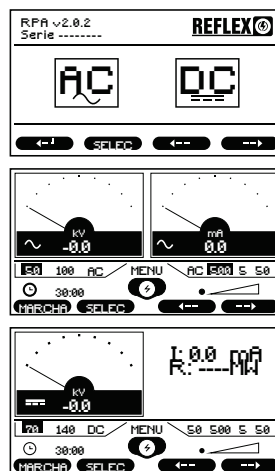
**Direct Current (DC):** Routine testing of cables already in service. Testing of electrical installations.

### Technical Characteristics

- Timer for controlling test duration.
- Compact design.
- Digital measurements (kV,  $\mu$ A, mA, M $\Omega$ , and G $\Omega$ ).
- Safety grounding circuit and guard.
- Easy operation.

### Scope of supply:

- 10 m safety grounding connection cable
- Return/guard circuit cable
- 5 m polarized interconnection cable
- 220 V AC power cable
- Direct discharge rod
- Operating manual
- Transport cart



### Optional:

Damped discharge rod (2000J)



MADE IN ARGENTINA

### TECHNICAL SPECIFICATIONS

#### RPA 100/140CA

|                                          |                                                                    |                        |
|------------------------------------------|--------------------------------------------------------------------|------------------------|
| System Output / Voltage meter            | DC: 140kVdc / 70kV - 140kV<br>AC: 100kVac 50Hz / 50kV - 100kV      |                        |
| Current meter                            | DC: 200 $\mu$ A, 2m, 20m, 200m.<br>AC: 200 $\mu$ A, 2m, 20m, 200m. |                        |
| Shortcut current                         | DC: 40mA<br>AC: 50mA                                               |                        |
| Overload protec. on/Auto cut             | Yes                                                                |                        |
| Power                                    | Approx. 5kVA                                                       |                        |
| Dimensions mm.<br>(height, width, depth) | Control unit:<br>340 x 415 x 215                                   | AT Unit.: 1100x350x430 |
| Weight                                   | Control Unit.:<br>13 kg                                            | AT Unit.: 104kg        |
| Power supply                             | 220 Vac/50Hz (110 Vac/60Hz optional)                               |                        |
| Operating temperature                    | -10°C / +50°C                                                      |                        |

### Accesories

### Glove Tester - RPG

Device specifically designed for testing the dielectric properties of gloves.

