

## RESISTANCE METER RMR 20

Portable high-voltage equipment, used for resistance measurement up to 20kV.

### Highlights

- Digital measurement on LCD display.
- Fixed test voltages: 5kV, 10kV, 15kV, and 20kV
- Variable test voltage between 0 and 20kV
- Polarization Index (PI)
- Dielectric Absorption Ratio (DAR)
- Programmable timer
- Guard terminal
- Battery-powered autonomous unit
- Lightweight and compact design

### Description

The RMR 20 resistance meter is a high-voltage generator with variable outputs (5kV, 10kV, 15kV, and 20kV) that allows measurements of up to 2,000,000 MΩ.



### Technical Characteristics

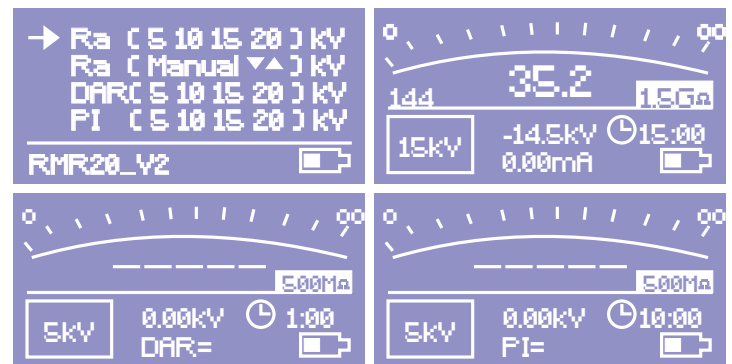
- Easy operation
- Rechargeable internal battery, making it fully independent of mains power
- Lightweight and compact design
- LCD display
- Low battery protection
- Output voltages: 5kV, 10kV, 15kV, and 20kV
- Continuously adjustable output voltage mode from 0 to 20kV
- Digital numeric and bar graph indication on LCD display
- Supports output short-circuiting
- Guard circuit

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

- Testing newly installed cables and joints before commissioning
- Routine testing of cables already in service
- Testing in electrical installations

### Scope of Supply:

- Measurement cables, 2m (2 units)
- Guard connection cable, 2m
- Operating manual
- Transport bag
- Direct discharge operating stick (optional)



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| TECHNICAL SPECIFICATIONS                 |                                                                |
|------------------------------------------|----------------------------------------------------------------|
| <b>RMR 20</b>                            |                                                                |
| Output voltage                           | 5 kV – 10 kV – 15kV – 20kV                                     |
| Ranges                                   | 500 GΩ @ 5 kV<br>1 TΩ @ 10 kV<br>1,5 TΩ @ 15 kV<br>2TΩ @ 20 kV |
| Short circuit current                    | 2 mA +/- 5%                                                    |
| Digital indication                       | Graphic Display LCD                                            |
| Accuracy                                 | +/- 10% up to 200GΩ                                            |
| Dimensions mm.<br>(height, width, depth) | 152 x 339 x 295                                                |
| Weight (including cables)                | 7 kg                                                           |
| Power supply / Charging                  | 220 VCA 50HZ                                                   |
| Internal power supply                    | 12 Vcc (includes a battery)                                    |
| Operating temperature                    | -10°C / +50°C                                                  |

Fotos ilustrativas. Las características técnicas pueden sufrir modificaciones sin previo aviso.

