

KV25R

Digital kilovoltmeter
up to 25,000 V



Illustrative Photo.

Features

- High input impedance (20 GΩ)
- DC voltmeter up to 25 kV
- Measurement filter function
- Hold function
- Auto power off
- 128 x 64 px graphic display
- Internal rechargeable battery



Description

The KV25R is a kilovoltmeter DC, indispensable in all modern high voltage laboratories and test fields. It uses an experienced, highly effective technology that provides reliable, safe and accurate measurements.

The equipment is digital and has an intuitive control interface, which facilitates its operation.

The KV25R is powered from a built-in rechargeable battery. It is a robust equipment, easy to carry, resistant to the demanding climatic and geographical characteristics of tropical regions, which is why it is qualified as an excellent product for field work, under the most severe environmental conditions.

Technical specifications

MAXIMUM INPUT VOLTAGE

25 kVcc.

INPUT IMPEDANCE

Resistance: 20 GΩ.
Capacitance: <50 pF.

MEASUREMENT RESOLUTION

100 mV @ 0.0 V up to 249.9 V.
1 V @ 0.250 kV to 2.499 kV.
10 V @ 2.50 kV up to 25.00 kV.

MEASUREMENT ACCURACY

± 0.5% of the measured value ± 2 digits.

OVERVOLTAGE PROTECTION

CAT. IV - 1000 V.

ADVANCED FEATURES

High input impedance.
Measurement filter function.
Hold function.
Auto power off.

DISPLAY

Graphic with a resolution of 128 x 64 pixels and backlight.

ENVIRONMENTAL PROTECTION

IP54 (with the lid closed).

SAFETY

Complies with IEC 61010-1.

ELECTROMAGNETIC COMPATIBILITY (E.M.C.)

Complies with IEC 61326-1.

ELECTROSTATIC IMMUNITY

Complies with IEC 61000-4-2.

POWER

12 V - 6 Ah rechargeable battery (LFP).

BATTERY CHARGER

Power supply 12 V - 2 A.

OPERATING TEMPERATURE

-5 ° C to 50 ° C.

STORAGE TEMPERATURE

-25 ° C to 70 ° C.

HUMIDITY RANGE

95% RH (without condensation).

WEIGHT

Approx. 2.6 kg.

DIMENSIONS

274 x 250 x 124 mm.

Included accessories

2 Measuring test leads.
1 AC Adapter.
1 Carry case.
1 Operation Manual.