

DC voltmeter up to 25 kV

KV25R



Illustrative image

Features

- DC voltmeter up to 25 kV
- High input impedance (20 GΩ)
- Measurement filter function
- Hold function
- Auto power off
- Graphical display (128 x 64 px)
- Rechargeable LFP battery
- IP65 protection (with closed lid)

LFP Rechargeable battery

Expected lifetime

2000 charge / discharge cycles (average).

Low self-discharge

When the equipment is not in use, battery charge decreases with time at a much lower rate than other battery technologies.

Safety

In contrast to other lithium battery technologies commonly used, LFP batteries are thermally and chemically stable, significantly improving battery safety.

Included accessories

- 2 test leads
- AC Adapter
- User guide
- Carrying bag

Description

The **KV25R** is a DC kilovoltmeter, essential in all modern high-voltage laboratories and test fields. It employs a well proven technology, high-reliable, that provides safe and accurate measurements. The equipment is digital and has an intuitive control interface, which makes its operation very simple and user-friendly.

ELECTRICAL	
Maximum input voltage	25 kVdc
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 up to 2.499 kV 10 V @ 2.50 kV up to 25.00 kV
Measurement accuracy	± 0.5 % of measured value ± 2 digits
FEATURES	
Display	Graphical with resolution of 128 x 64 pixels and backlight
STANDARDS	
Overvoltage protection	CAT IV – 1000 V
Safety	IEC 61010-1
Electrostatic immunity	IEC 61000-4-2
Electromagnetic radiation immunity	IEC 61000-4-3
ENVIRONMENTAL	
IP rating	IP65 (with closed lid)
Operating temperature	-5 °C to 50 °C
Storage temperature	-25 °C to 70 °C
Humidity	95 % RH (non condensing)
POWER SUPPLY	
Rechargeable battery	LFP, 12 V - 6000 mAh
Battery charger	AC Adapter (12 V - 2 A)
MECHANICAL (EQUIPMENT)	
Weight	Approx. 2.6 kg
Dimensions	274 x 250 x 124 mm

Global Presence

MEGABRAS equipment are used in more than 40 countries around the world



Test & Measurement equipment

Digital transformer ratiometer
Earth ground testers
Hipots
Insulating glove tester
Insulation testers
Kilovoltmeters
Micro-ohmmeters
Power quality analyzers
Vibration meter



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