

KV1 - 200

Portable kilovoltmeter for measuring high direct/alternating voltage in testing laboratories or electrical installations.

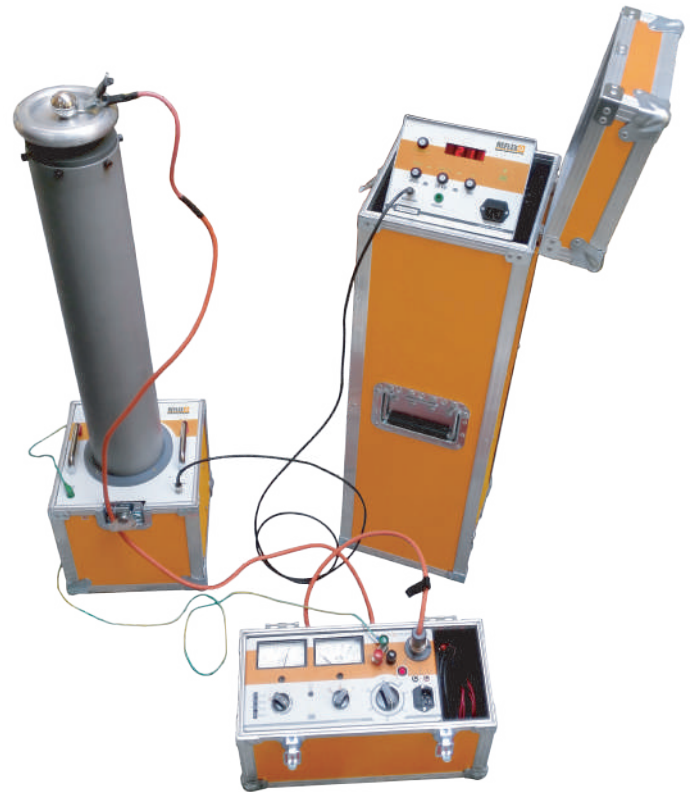
Highlights

- Digital reading
- AC and DC coupling
- Battery-powered autonomous device
- Lightweight and compact design
- Direct measurement divider

Description

The REFLEX series KV 1 kilovoltmeters are typically used for testing and calibrating measurement equipment and AC/DC testing devices, both in the field and in laboratories. They are also employed for monitoring voltage in high-voltage systems, among other applications. These kilovoltmeters measure directly through their resistive divider column, which is connected to the measurement module with a digital display.

These kilovoltmeters feature a robust, lightweight, self-supporting housing and are powered by an internal rechargeable battery with a continuous usage time of more than 6 hours. This makes them fully portable and autonomous, eliminating the need for a mains power supply and allowing for easy transportation for field measurements.



Applications:

Tests and calibration of:

- AC high voltage generators (Alternating current).
- DC high voltage generators (Direct current).
- High voltage power supply.

TECHNICAL SPECIFICATIONS

KV1 - 200

Measurement Scope	High Scale: 0 – 199 kV Low scale: 0 – 19,99kV
Measurement	Digital, LED display 3 ½ digits
Input impedance	1 MΩ
Measurement ratio	1000:1
Accuracy	DC < 0,5% full scale (from 10-100% of the scale)
	AC RMS < 1% full scale (from 10-100% of the scale)
Dimensions mm. (height, width, depth)	1260 x 280 x 235
Weight	24 Kgr.
Power supply	Gel Battery - 12 V 2.3A/h (internal) 220 Vca – 50 Hz
Battery performance	> 6 hours of continuous use
Operating temperature	-10°C / +50°C



Scope of Supply:

- Resistive divider.
- Measurement module.
- Corona effect attenuator.
- Interconnection cable between modules.
- Power/charging cable 220 V AC.
- Operation manual.