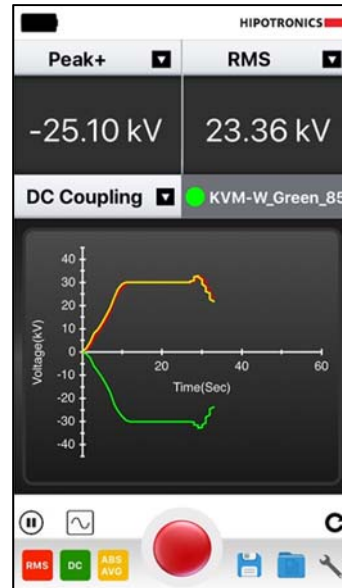


KVM-W SERIES

AC/DC Kilovoltmeters – Wireless – 100kV & 200kV

The KVM-W Series AC/DC Wireless Kilovoltmeters are designed to provide exceptional safety through its wireless communication. It is a highly accurate, portable and modern voltage measurement and calibration system. Each model in this series contains a high voltage assembly, measurement device, durable carrying case, and mobile App.

The carrying case and internal battery make the system completely portable for field testing, while the precision divider assembly and readout device make it suitable for laboratory use. The KVM-W Series products perform multiple measurements including DC, AC Peak, AC RMS, AC Absolute Average, Frequency and Crest Factor measurements. Units are available in 100kV and 200kV for a wide variety of applications.



FEATURES

- Perform multiple measurements
- AC and DC Coupling
- Battery or line power operation
- True Divider

BENEFITS

- Safety due to Wireless Communication** via mobile application
- Waveform Display**
- Save Data as .CSV**
- Rugged and Reinforced carrying case**

APPLICATIONS

Testing & Calibrating of:

- AC/DC Hipot Testers
- High Voltage Power Supplies
- Semiconductor Implantation System

TECHNICAL SPECIFICATIONS

| | | | | |
|---------------------------------------|---------------------------------------|--|---------------------------------------|--|
| Model # | KVM100-W | | KVM200-W | |
| Measuring Range | 0-100kV | | 0-200kV | |
| Display | Wireless App (iOS, Android, PC) | | | |
| Battery | Type | 3 NiMH Size SC | | |
| | Operation | 10hrs of operation | | |
| Accuracy | DC | ± 1.0% of reading (from 1-100% of scale) | | |
| | AC (RMS) | ± 1.0% of reading (from 1-100% of scale) | | |
| | AC (Peak) | ± 1.0% of reading (from 1-100% of scale) | | |
| Voltage Rating | DC | 100kV | 200kV | |
| | AC (RMS) | 100kV | 200kV | |
| | AC (Peak) | 142kV | 283kV | |
| Charging Voltage | 5V DC USB-C | | | |
| Capacitance of HV Capacitor | 200pF | | | |
| Divider Dimensions (W x H x D) | 8" x 15" x 8" (20cm x 38cm x 20cm) | | 9" x 37" x 9" (23cm x 94cm x 23cm) | |
| Weight | 38 lbs (17 kg) | | 48 lbs (22 kg) | |
| Languages | English | | | |
| ECCN: 3A992.A | | | HTS US: 9030.33.3800 | |

Notes: Optional ISO17025 accredited calibration available upon request for DC, RMS, and pk/sqrt(2) measurements.

| | Electronic Components | | High Voltage Components | |
|------------------|-----------------------|--------------------------------|-------------------------|--------------------------------|
| | Temperature | Humidity (r.h. non-condensing) | Temperature | Humidity (r.h. non-condensing) |
| Operation | +5°C ... +40°C | 5 ... 95% | -10°C ... +45°C | 5 ... 90% |
| Storage | -20°C ... +70°C | 5 ... 95% | -10°C ... +55°C | 5 ... 90% |

SCOPE OF SUPPLY

High voltage divider
 Wireless measurement unit
 Charging cable
 Mobile application (iOS, Android, PC)
 Carrying case
 Manual & Test report

STANDARD OPTIONS

HHDA13-280 – Grounding Stick, 120kV Max Voltage
KVM100W-DO – Additional 100kV divider
KVM200W-DO – Additional 200kV divider
EXT-WARN-1 – One-year extended warranty
-ACC – ISO17025 accredited calibration for DC, RMS, and pk/sqrt(2) measurements

CUSTOMER SUPPLIED

Mobile device, tablet, or PC