



POWERTRONICS PVT. LTD.

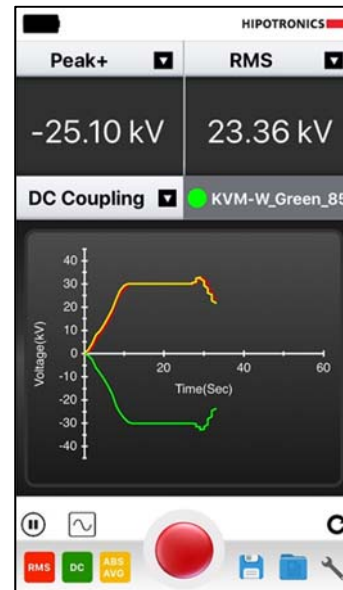
HIPOTRONICS 

# 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)
<b>Operation</b>	+5°C ... +40°C	5 ... 95%	-10°C ... +45°C	5 ... 90%
<b>Storage</b>	-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



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