

## KVM-W Series

AC/DC Kilovoltmeters – Wireless - 100kV, 200kV, 300kV & 400kV

The KVM-W Series AC/DC Wireless Kilovoltmeters is the first of its kind 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 battery operation mode 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 functions including DC, AC Peak, AC RMS, AC Absolute Average, Frequency and Crest Factor measurements. Units are available in 100kV, 200kV, 300kV and 400kV for a wide variety of applications.



### FEATURES

- SAFETY due to wireless communication via mobile application
- Perform multiple measurements
- Low temperature and voltage coefficients
- AC and DC coupling
- Battery or line power operation
- Light weight and portable divider
- Rugged and reinforced carrying case
- Waveform Display
- True divider
- Save data as .CSV
- Customer Calibration Option

### BENEFITS

- SAFETY through its wireless communication
- Suitable for field, factory or lab use
- Traceable to national and international standards
  - Accredited calibration available upon request
- Fast and accurate measurements under varying ambient conditions
- Save and share test data wirelessly
- NIST traceable for significant cost savings on outside calibrations

### APPLICATIONS

Testing & Calibrating of:

- AC/DC Hipot testers
- High Voltage power supplies
- Semiconductor implantation system

## TECHNICAL SPECIFICATIONS

Model Number	KVM100-W	KVM200-W	KVM300-W	KVM400-W	
Voltage Range	0-100 kV	0-200 kV	0-300 kV	0-400 kV	
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 10-100% of scale)			
Voltage Rating	DC	100 kV	200 kV	300 kV	400 kV
	AC (RMS)	100 kV	200 kV	300 kV	400 kV
	AC (Peak)	142 kV	283 kV	425 kV	566 kV
Charging Voltage	5V DC USB-C				
Divider Dimensions (W x H x D)	11in x11in x25in (28cm x28cm x62cm)	11in x11in x45in (28cm x28cm 116cm)	24in x84in x6in (30cm x213.6cm x15cm)	24in x115in x6in (30cm x292cm x15cm)	
Case Dimensions	18in x 21.8in x 12in (45.7cmx55.4cmx30.5)	17.3in x 40.3in x 12.8 (43.9cm x102.4cmx32.5cm)			
Wireless Head Dimensions (W x H x D)	5.83in x 4.25in x2.95in (15cm x11cm x7cm)				
Weight	37.4 lbs (16.9 kg)	47.4 lbs (21.5 kg)	272.4 lbs (123.4 kg)	292.4 lbs (132.6 kg)	

## OPTIONAL EQUIPMENT & ACCESSORIES

Part Number	Description
HHDA13-280	Grounding Stick, 120kV Max Voltage
KVM100W-DO	Extra Divider Section
KVM200W-DO	Extra Divider Section
KVM300W-DO	Extra Divider Section
KVM400W-DO	Extra Divider Section
SPK1-KVM-W	Spare Parts Kit for KVM-W Series
EXT-WARN-1	One-year extended warranty



**HHDA13-280**  
Grounding Stick  
(pictured above)

## SCOPE OF SUPPLY

High Voltage Divider  
 Mobile Application (iOS, Android, PC)  
 Wireless Measurement Unit  
 Charging Cable (USB-C to Wall Adapter)