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, 200kV, and 300kV 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

<table>
<thead>
<tr>
<th>Model #</th>
<th>Measuring Range</th>
<th>Display</th>
<th>Battery</th>
<th>Operation</th>
<th>Accuracy</th>
<th>Voltage Rating</th>
<th>Charging Voltage</th>
<th>Capacitance of HV Capacitor</th>
<th>Divider Dimensions</th>
<th>Weight</th>
<th>Languages</th>
<th>ECCN:</th>
<th>HTS US:</th>
</tr>
</thead>
<tbody>
<tr>
<td>KVM100-W</td>
<td>0-100kV</td>
<td>Wireless App (iOS, Android, PC)</td>
<td>3 NiMH Size SC</td>
<td>10hrs of operation</td>
<td>± 1.0% of reading (from 1-100% of scale)</td>
<td>DC: 100kV</td>
<td>5V DC USB-C</td>
<td>200pF</td>
<td>8” x 15” x 8”</td>
<td>38 lbs (17 kg)</td>
<td>English</td>
<td>3A992.A</td>
<td>9030.33.3800</td>
</tr>
<tr>
<td>KVM200-W</td>
<td>0-200kV</td>
<td></td>
<td></td>
<td></td>
<td>AC (RMS)</td>
<td>AC (RMS)</td>
<td>200kV</td>
<td></td>
<td>9” x 37” x 9”</td>
<td>48 lbs (22 kg)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>KVM300-W</td>
<td>0-300kV</td>
<td></td>
<td></td>
<td></td>
<td>AC (Peak)</td>
<td>AC (Peak)</td>
<td>300kV</td>
<td></td>
<td>142kV</td>
<td>45” x 81” x 41”</td>
<td>350 lbs (159 kg)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

### SCOPE OF SUPPLY

- **High voltage divider**
- **Wireless measurement unit**
- **Charging cable**
- **Mobile application (iOS, Android, PC)**
- **Carrying case (KVM100-W & KVM200-W only)**
- **Manual & Test report**

### STANDARD OPTIONS

- **HHDA13-290** – Grounding Stick, 120kV Max Voltage
- **KVM100W-DO** – Additional 100kV divider
- **KVM200W-DO** – Additional 200kV divider
- **KVM300W-DO** – Additional 300kV 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