The Dual Display Phasing Voltmeter, model DDPM-40, is a compact, highly accurate wireless voltmeter and phasing set with capacitive test point and peak hold modes. The DDPM-40 will show the leading or lagging phase as well as the phase angle during wireless phasing operations.

Voltage is displayed on the two large, bright LED displays that can easily be read from a distance or in bright conditions.

The two LED displays are synchronized wirelessly so that the same voltage reading is shown on both displays. Usage of the DDPM-40 is an ideal solution for taking measurements over larger distances, up to 100 ft, via wireless communication.
The DDPM-40 measures voltage from 5V to 43kV. The two sets can be used in both overhead and underground applications - accurate and repeatable to within 1%.

**Wireless Communication is Key**

Oversized LED displays communicate wirelessly to make voltage measurements and phase identification easy, especially when working over a distance across switches.

**Versatility….. Simplified**

Single button interface controls all modes:
- Line to line measurements
- Line to ground measurements
- Phase angle
- Capacitive test point
- Real time and peak hold reporting

**Defined by the Jobsite**

Lightweight, weather-resistant construction, ideal for use in tight work environments with minimum approach distances or with storm duty during disaster relief.

**DDPM-40, Wireless Phasing Voltmeter**

1. Over-sized, dual digital LED display
2. Wireless communication allows for measurements to be taken over a distance up to 100 feet
3. One button operation for test modes
4. Ultra-light, high-strength nylon molded housing
5. Dual hot stick connection options (universal spline and shotgun stick)
6. Heavy duty insulated ground cord, extends up to 12 feet
Test Modes

Voltage and Phasing Mode
Secondary voltages starting at 5V - Primary voltages up to 43kV
• Line to ground (5V-25kV)
• Line to line (5V-43kV)
• Phasing (leading/lagging)

12.47 kV
L-L  L-G

12.47 kV
L-L  L-D

• Phasing (degree difference)

Capacitive Test Point Mode
Test Point feature (indicated by TP on display) for phasing and measuring voltage from elbow test points
• Test Point to Ground
• Test Point to Test Point

Peak Hold Mode
Peak Hold mode (indicated by H on display) holds the highest reading when in Peak Hold Mode. Default mode is real-time.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>MODEL NUMBER</th>
<th>DDPM-40</th>
</tr>
</thead>
<tbody>
<tr>
<td>OPERATING VOLTAGE RANGE</td>
<td>5V-43kV line to line, 5V-25kV line to ground</td>
</tr>
<tr>
<td>OPERATING FREQUENCY</td>
<td>25-1000Hz</td>
</tr>
<tr>
<td>ACCURACY</td>
<td>Within 1% of reading +/- 3 counts</td>
</tr>
<tr>
<td>LED NUMERAL HEIGHT</td>
<td>0.7&quot;, indicates 3 digits</td>
</tr>
<tr>
<td>BATTERY</td>
<td>9V lithium or alkaline, one in each display housing</td>
</tr>
<tr>
<td>BATTERY LIFE</td>
<td>8 hours of continuous use</td>
</tr>
<tr>
<td>OPERATING TEMPERATURE RANGE</td>
<td>-40°F to +120°F (-40°C to 49°C)</td>
</tr>
<tr>
<td>WEIGHT (WITHOUT PROBES)</td>
<td>2.25 lbs (1.02kg) each unit</td>
</tr>
<tr>
<td>DIMENSIONS (WITHOUT PROBES)</td>
<td>14”L x 4”H x 4 5/8”W (36cm x 10cm x 11cm)</td>
</tr>
<tr>
<td>CORD LENGTH</td>
<td>Retracted: 3.5’ (1.7m) Extended: 12’ (3.6m)</td>
</tr>
</tbody>
</table>
DOUBLE VISION™
Dual Display Wireless Phasing Voltmeter

PROBES AND ACCESSORIES

Overhead Probes
- OLPS-5 Overhead Hook Brass Probe
  Dimensions: 4.5” (11.4cm)
  Weight: 0.2 lbs. (0.09kg)
- OLPS-6 Overhead Pigtail Brass Probe
  Dimensions: 5.5” (14cm)
  Weight: 0.3 lbs. (0.14kg)

Underground Probes
- ASP-15/25 15kV & 25kV Class Insulated UD Probe for Loadbreak Bushings
  Dimensions: 9” (23cm)
  Weight: 0.9 lbs. (0.41kg)
- ASP-35U 35kV Insulated UD Probe for Loadbreak Bushings designed for both Elastimold® and Cooper™ (RTE) bushings
  Dimensions: 9.5” (24cm)
  Weight: 1.5 lbs. (0.68kg)

Extension Hotsticks
- S-4H Extension hotstick with universal spline, foam filled, 1-1/4” diameter fiberglass.
  Dimensions: 4’ (1.2m)
  Weight: 2 lbs. (0.91kg)
- S-6H Extension hotstick with universal spline, foam filled, 1-1/4” diameter fiberglass.
  Dimensions: 6’ (1.8m)
  Weight: 3 lbs. (1.36kg)

Underground Dead Front Bushing Probes
- ASP-15/25 15kV & 25kV Class Insulated UD Probe for Loadbreak Bushings
  Dimensions: 9” (23cm)
  Weight: 0.9 lbs. (0.41kg)
- ASP-35U 35kV Insulated UD Probe for Loadbreak Bushings designed for both Elastimold® and Cooper™ (RTE) bushings
  Dimensions: 9.5” (24cm)
  Weight: 1.5 lbs. (0.68kg)

Underground Elbow Probe
- EA-15/25 15kV & 25kV Class UD Loadbreak Elbow Probe
  Dimensions: 10” (25cm)
  Weight: 1.1 lbs. (0.50kg)

Insulated Underground Probe
- GCP-1 General Contact Underground Distribution Probe
  Dimensions: 3” (7.6cm)
  Weight: 0.3 lbs. (0.14kg)

• Proof Tester® Voltmeter Tester
  Produces 5kVDC at the test leads to confirm proper operation of voltmeters and phasers.
  9V battery operated, 5000V output
  Dimensions: 5.75” x 3.5” x 1.5”
  (14.6cm x 8.9cm x 3.9cm)
  Weight: 0.9 lbs. (0.41kg)

ORDERING INFORMATION

<table>
<thead>
<tr>
<th>Item Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DDPM-40</td>
<td>Dual Display Digital Wireless Phaser Includes DDPM-40, (2) 025-OLPS-5 and CS-DDVM Case</td>
</tr>
<tr>
<td>DDPM-40/K01</td>
<td>Kit Includes DDPM-40 with (2) 025-OLPS-5, (1) PT-5000B and CS-DDVM Case</td>
</tr>
<tr>
<td>DDPM-40/K02</td>
<td>Kit Includes DDPM-40 with (2) 025-OLPS-5, (1) PT-5000B, (2) ASP-15/25 and CS-DDVM Case</td>
</tr>
<tr>
<td>025-OLPS-5</td>
<td>Overhead Hook Brass Probe</td>
</tr>
<tr>
<td>025-OLPS-6</td>
<td>Overhead Pigtail Brass Probe</td>
</tr>
<tr>
<td>PT-5000B</td>
<td>Voltmeter Proof Tester - Test Voltmeter/Phasers Prior to Use. 9V Battery Operated, 5000V Output</td>
</tr>
<tr>
<td>GCP-1</td>
<td>General Purpose Insulated Probe</td>
</tr>
<tr>
<td>ASP-15/25</td>
<td>Underground Adapter Bushing Probe, 15kV &amp; 25kV Class</td>
</tr>
<tr>
<td>ASP-35U</td>
<td>Underground Adapter Bushing Probe, 35kV (Universal) Class</td>
</tr>
<tr>
<td>EA-15/25</td>
<td>Loadbreak Elbow Adapter, 15kV &amp; 25kV Class</td>
</tr>
<tr>
<td>CS-DDVM</td>
<td>Plastic Carrying Case for DDPM-40 and Kits</td>
</tr>
<tr>
<td>S-4H</td>
<td>4’ Fixed Length Fiberglass Hotstick</td>
</tr>
<tr>
<td>S-6H</td>
<td>6’ Fixed Length Fiberglass Hotstick</td>
</tr>
</tbody>
</table>

Use of a hotstick is required with the use of all DDPM devices

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