Low Voltage Voltmeter/Phaser

**DESCRIPTION**

The DigiVolt-5000V is a compact digital voltmeter and phasing instrument designed to measure voltages from 10 Volts up to 5,000 Volts. The DVM-5000V can be used on secondary and primary voltage systems. The two-stick design allows accurate, low voltage measurements to be taken beyond the arc flash exposure distances required by NFPA 70E Standards, when used with the required applicable length hotsticks.

To comply with OSHA standards for testing the voltmeter on a known voltage source before and after each use - as stated in CFR 1910.133, Section (b) (2) (iv) (B) - the PT-500 Voltmeter Proof Tester is available (sold separately).

The DVM-5000V can be used in both overhead and underground applications. The digital meter displays 4-digits, showing the true RMS voltage on the conductor. No decimal points show on the display, only the voltage reading. For example, while measuring 240 VA C the display will read “02 40”, where 4 kV will be displayed as “4000”. Fixed contact probes on the end of each stick allow for direct contact voltage measurements.

**APPLICATIONS**

- Measure voltage on the secondary side of transformers
- Measure voltage in the primary side of transformers up to 4800V system voltage
- Measure voltage on meter sockets
- Measure voltage on meter boxes
- Measure voltage on conductors on both overhead and underground systems
- Verify a conductor is de-energized prior to grounding
- Determine if multiple conductors are in or out-of-phase
- Discharge underground cables and other equipment that hold capacitive charges

All sales are subject to the terms and conditions of the Limitation of Warranty and Liability set forth in the product Instruction Manual and at www.HDElectricCompany.com. Users must read and agree to the Limitation terms, as stated, before using the product.

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**FEATUR ES**

- Allows for proper clearance while taking secondary voltage measurements
- High accuracy voltage measurements - within 1% of reading +/- 5 counts
- Measures voltages from 10 Volts up to 5,000 Volts
- Displays voltage measured in volts, not kilovolts
- Measures both AC and DC through 1000HZ AC RMS
- Auto-ranging 4 digit LCD display
- Backlit display for easy reading in bright or dark conditions
- Built-in universal splines for hotstick attachment (hotsticks are required)
- Auto-shutoff
- Low battery indication
- Powered by a field replaceable 9V lithium or alkaline battery (included)

**ORDERING INFORMATION**

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<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>DVM-5000V</td>
<td>Secondary Digital Voltmeter/Phaser, 10V – 5,000V, includes carrying case. Powered by a field-replaceable 9V lithium or alkaline battery, included.</td>
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<tr>
<td>PT-500</td>
<td>Voltmeter Proof Tester with 500 Volt output. Powered by a field-replaceable 9V lithium or alkaline battery, included.</td>
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<tr>
<td>S-4H, S-6H</td>
<td>4' or 6' Fixed length fiberglass hotstick*</td>
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*Hotsticks are required