*TEST, MEASUREMENT & SAFETY*

## High Accuracy Digital Voltmeter Kit

# UNIVERSAL VOLTMETER KIT

The DVM-80UVK is a new and exciting addition to the HD Electric Company phasing voltmeter product line. As the largest supplier of innovative voltage testing and measuring devices in the market today, HDE has expanded the features of its popular industry-proven DVM-80 series voltmeter and packaged it with an assembly of accessories, offering it as a complete, ready-to-use Universal Voltmeter Kit.

HDE challenges you to compare the features, value and functionality of this state-of-the-art instrument to anything available on the market today. With our experience and dedication to quality and reliability, our reputation speaks for itself. We are confident that you will find our products to be *"Best in the Field"*® when it comes to detecting, indicating and measuring voltage.

**This kit contains everything needed to:**
- Perform voltmeter and phasing operations **for virtually all overhead & underground applications**
- Take measurements on secondary voltages **starting at 5 Volts**
- Take measurements on primary voltages **up to 80 Kilovolts**
- Take measurements on elbow test points with **Test Point Feature**
- Peak voltage reading can be held using the **new Peak Hold Feature**
- Perform underground cable fault testing with **Cable Fault Tester**
- Test the voltmeter before and after use with **Voltmeter Proof Tester**

## FEATURES

- **Digital Meter** - Reads in kilovolts, 3.5 digits with decimal point
- **Voltage Range** - 5V-40kV, 5V-80kV with add-on resistors
- **Auto-Ranging** - No range selector switch
- **Accuracy** - Highly accurate, within 1% of reading +/- 3 counts
- **Meter Resolution**  0.005 - 1.999 range with 1 Volt resolution
     2.00 - 19.99 range with 10 Volt resolution
     20.0 - 40.0 range with 100 Volt resolution
- **Backlit Display** - For easy reading in bright or dark conditions
- **Peak Hold Mode** - Conveniently keeps the peak voltage reading on the display
- **Measures AC and DC voltages**
- **RMS Voltage** - Measures AC and DC thru 1000Hz RMS
- **Use on Secondary Voltages** - Starting at 5 Volts
- **Measure voltage on elbow test points** - Meter displays system voltage
- **Underground Cable Testing** - Test underground cables for faults using the CFT-35
- **Auto-shutoff** - Prevents battery drain
- **Coiled Connecting Cord** - 3.5' retracted, 12' extended
- **Phase Accurate Technology** makes all voltage readings, whether line-to-line or line-to-ground, accurate and repeatable to within 1%
- **Battery** - Powered by a standard 9V alkaline battery in an easy to change battery case – no tools required
- **Weight of Voltmeter (w/o probes)** - 2.25 lbs (1.02 kg)
- **Made in the USA**

## ORDERING INFORMATION

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| **DVM-80UVK Universal Voltmeter Kit** | • Dual stick phasing voltmeter (DVM-80UVM)<br>• two overhead hook probes (025-OLPS-5)<br>• two resistor sticks for measurements up to 80kV (R-80)<br>• two underground bushing probes (ASP-15/25)<br>• cable fault tester (CFT-35)<br>• voltmeter proof tester (PT-5000B)<br>• two shotgun hotstick adapters (HSA-2500)<br>• soft-sided, multi-functional carrying bag |

# HD ELECTRIC COMPANY

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