

Universal Digital Voltmeter

Part No: DVM-80UVM

The DVM-80UVM is a compact, high accuracy dual stick voltmeter and phasing set with capacitive test point mode and peak hold. The DVM-80UVM measures voltage from 5V up to 40kV and up to 80kV with a pair of optional add-on resistors. The two-stick design can be used in both overhead and underground applications. The DVM-80 units incorporate Phase Accurate Technology, which makes all voltage readings, whether made from phase to phase or phase to earth, accurate and repeatable to within 1%.

Overhead & Underground use



- Peak Hold mode
- Triple auto ranging 3.5 digit display - reads in kilovolts from 5 Volts to 80kV
- Highly accurate, within 1% of the reading
- Backlit display for easy reading in bright or dark conditions
- Measures AC and DC voltages
- Use on secondary voltages, starting at 5 Volts
- Measure voltage on elbow test points, meter will display the system voltage
- Test underground cables for faults
- Auto shut-off
- Battery - Powered by a standard 9V alkaline battery
- Weight of Voltmeter (without probes) 1kg



Universal Digital Voltmeter Kit

Part No: DVM-80UVK

The DVM-80UVK is a complete kit that includes the DVM-80UVM dual stick phasing voltmeter with overhead hook probes, add-on resistor sticks for measurements up to 80kV, underground bushing probes, cable fault tester, voltmeter proof tester, shotgun hotstick adapters and a soft-sided, multi-functional carrying bag with built-in bucket hooks.

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

Universal Digital Voltmeter

FEATURES

Digital Meter	Reads in kilovolts, 3.5 digits with decimal point
Voltage Range	5V-40kV, up to 80kV with add-on resistors
Auto-Ranging	No range selector switch
Accuracy	- Within 1% of reading +/- 3 counts - With R-80 add-on resistors installed - within 2% of reading +/- 3 counts (line-to-ground & line-to-line measurements)
Meter Resolution	0.005 - 1.999 range with 1 Volt resolution 2.00 - 19.00 range with 10 Volt resolution 19.0 - 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	Through 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	1m retracted/ 3.6m extended
Phase Accurate Technology	Makes all voltage readings, whether phase to phase or phase to earth, accurate and repeatable to within 1%
Battery	Powered by a standard 9V alkaline battery
Weight of Voltmeter	1 kg (without probes)

APPLICATIONS

- Measure voltage and phase conductors on both overhead and underground systems
- Verify a conductor is de-energised prior to earthing
- Determine if multiple conductors are in-phase or out-of-phase
- Test underground cable for faults (optional Cable Fault Tester & bushing probes required)
- Discharge underground cables and other equipment that hold capacitive charges
- Test point mode allows measurements and phasing on elbow test points
- Peak hold mode displays the peak voltage reading

Part No	Description
DVM-80UVM	Dual stick phasing voltmeter with peak hold and capacitive test point modes, 5V-40kV and up to 80kV with optional resistor sticks. Includes overhead hook probes (025-OLPS-5) and carrying case (CS-DVM)
DVM-80UVK	<ul style="list-style-type: none"> • Dual stick phasing voltmeter (DVM-80UVM) Universal • Two overhead hook probes (025-OLPS-5) Voltmeter Kit • Two resistor sticks for measurements up to 80kV (R-80) • Two underground bushing probes (ASP-15/25) • Cable fault tester (CFT-35) • Voltmeter proof tester (PT-5000B) • Two shotgun hotstick adapters (HSA-2500) • Soft-sided, multi-functional carrying bag (B-12)