

digital

Voltmeters and Phasing Sets For Phase-To-Phase and Phase-To-Ground Measurements

DIGIVOLT® DIGITAL FEATURES

There are eight models of the DigiVolt series voltmeters and phasing sets. The DigiVolt-25T is a compact, high accuracy single stick voltmeter with capacitive test point mode and ground lead. The DVM-25T measures voltages up to 25kV and can be used in both overhead and underground applications.

The DigiVolt-80T is a compact, high accuracy dual stick voltmeter and phasing set with capacitive test point mode and connecting cord. The DVM-80 and DVM-80T models measure voltages 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 models incorporate Phase Accurate Technology, which makes all voltage readings, whether made from line-to-line or line-to-ground, accurate and repeatable to within 1%.

The DigiVolt I and III are single stick voltmeters with one resistive probe, universal spline and ground lead. The DigiVolt II, IV and V are dual stick phasing voltmeters with connecting cord.

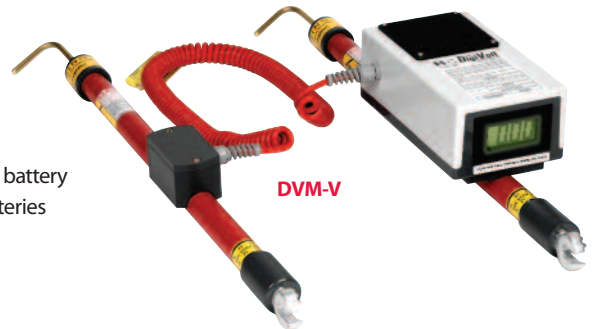
- Coil cord is standard on all DigiVolt series products. Coil cord is rated at 10kV. Length is 3.5' (1.7 m) retracted and 12' (3.6 m) fully extended. Optional lengths are available.
- Optional reel with straight cord is available on DVM-II, IV & V in lengths up to 22' (6.7m). Contact factory for details. Straight cord rated at 15kV.
- Accuracy –
 - DVM-25T and DVM-80 models within 1% of reading +/- 3 counts
 - DVM-I – DVM-V within 3% of reading +/- 3 counts
- Display – DVM-25T and DVM-80 models have 0.4" (1.0cm) LCD display with decimal point and backlight
 - DVM-I – DVM-V has 0.75" (1.9cm) LCD display with decimal point and backlight
- Auto shut-off
- Track mode
- Peak mode on DVM-I through DVM-IV
- Overhead brass hook contact probes
- Universal splines
- Operating temperature range -13F to +131F (-25C to +55C)
- Strain relief fittings on cords reduce cable damage at point of highest stress
- High voltage resistors are encapsulated in epoxy in all resistor sticks, thereby limiting maximum current to approximately 1 milliamp at full rated voltage
- Low battery indicator
- Battery – DVM-25T & DVM-80 models one (1) field replaceable 9V lithium or alkaline battery
 - DVM-I through DVM-V two (2) field replaceable 9V lithium or alkaline batteries
- Measures DC through 1000Hz AC RMS



DVM-80



DVM-25T



DVM-V

Model	Type of Unit	Range	Length w/Hook Probe(s)	Unit Weight w/Hook Probe(s)	Case (Included)	Peak Hold Mode	Capacitive Test Point Mode	RMS
DVM - 25T	Single Stick	50V-25kV	18" (46 cm)	2.0 lbs. (0.9 kg)	CS-DVM		X	X
DVM - 80	Dual Stick	50V-80kV (w/add-on resistors)	18" (46 cm)	2.7 lbs. (1.2 kg)	CS-DVM			X
DVM - 80T	Dual Stick	50V-80kV (w/add-on resistors)	18" (46 cm)	2.7 lbs. (1.2 kg)	CS-DVM		X	X
DVM - I	Single Stick	150V-20kV	31" (79 cm)	3.8 lbs. (1.7 kg)	CM-100/V	X		X
DVM - II	Dual Stick	150V-50kV	31" (79 cm)	5.6 lbs. (2.5 kg)	CM-100/V	X		X
DVM - III	Single Stick	150V-20kV	31" (79 cm)	3.8 lbs. (1.7 kg)	CM-100/V	X	X	X
DVM - IV	Dual Stick	150V-50kV	31" (79 cm)	5.6 lbs. (2.5 kg)	CM-100/V	X	X	X
DVM - V	Dual Stick	150V-20kV	23" (58 cm)	4.9 lbs. (2.2 kg)	CM-100/V			X

* All current DVM Models include overhead hook probe(s) and carrying case (see chart). Hotsticks required for all DVM Models.