

# Safer by Design

- Eliminates false readings when induced voltage is present
- Single-switch, single-range, AC/DC measurement to 750 V
- Automatic continuity tester
- TRMS (125 only)
- Backlit display, and audible continuity and voltage present tones (122 only)
- Dual-probe holder with positive lock probe extension for safe, easy two-handed operation
- Safety and productivity at an affordable price

The TEGAM Models 122 and 125 Voltman Safety Voltmeters are the only fully automatic single switch handheld digital voltmeters that will not give you a false reading when induced voltages are present. The original Voltman was designed to provide the electric utility industry with a safe and efficient troubleshooting tool for the meter electrician, and has become a valuable tool in many other industrial applications.

The Voltman is available in two configurations, the standard Model 122 and the TRMS Model 125. Both instruments offer the safety of a single switch, single range, AC/DC voltmeter. Both instruments provide an automatic continuity tester, and most importantly, both instruments are equipped to eliminate false readings when induced, or capacitive-effect, voltages are present!

Induced, or capacitive-effect, voltages are capacitance-coupled inputs that occur in long runs of cable, and in non-energized cables that are running in close proximity to energized lines.

These voltages cause most high input impedance digital voltmeters and DMMs to display a "ghost", or "phantom" voltage when present. The Voltman's lower input resistance lets the capacitance bleed off before the measurement is displayed. When "real" current-carrying voltage is applied, the Voltman's input impedance goes up to protect the user against the hazards of a potential over-voltage condition. The Voltman user gets productivity and safety in one reliable instrument.

In addition to these features, the 122 incorporates a backlit display that lights up, and an audible tone that pulses when voltage is present. This feature allows the user to keep his eyes and hands safely on his work while giving him a reliable indication of voltage.

The Voltman is a workhorse in the electric utility world and will be a workhorse for you. This U.S.A. made meter is rugged, field-proven, productive, and safe. Put one to work for you today.



### Specifications

Accuracy	± (0.2 % rdg + 1 V), DC and 50/60 Hz
Resolution	1 V
Range AC and DC (±)	750 V
Maximum Input Continuous	750 V
Input Resistance	5 kΩ
Environmental Operating Limits	-12 °C to +65 °C (-10 °F to +150 °F)
Display	0.5 in LCD, 3 1/2 digits, annunciators for VAC, VDC, OL, polarity, and low battery
Size	16.0 cm x 6.9 cm x 3.0 cm (6.3 in x 2.7 in x 1.2 in)
Weight	340 g (12 oz)
Warranty	1 year materials and labor

### Leather Utility Belt Carrying Case

The 1104 case protects your voltmeter and probes from broken displays, and other damages that can occur. This case has a 2 inch belt loop. It is long lasting, super durable, and is made from top-grain cowhide with riveted seams.

**ORDERING INFORMATION :** MODEL 1104



### Cordura Nylon Lineman's Carrying Case

The 1204A case protects your voltmeter and saves you time because the meter can stay in the case during use. The 1204A features a window to access the ON/OFF switch, a retainer that holds the meter in place, space for probe storage, and a 48 inch adjustable shoulder strap. Designed specifically for linemen, the strap can be hung on a nail or unsnapped and put around a pipe or pole, freeing both hands to take measurements. The case contains no metal, making it safer around energized conductors. The cover flap has a high-strength magnet. This allows you to attach it to any metal surface. When you have to go out at night, or your meter gets misplaced, the bright yellow cordura nylon case is easy to see. The 1204A case also comes with a belt clip, and can be worn on a utility belt.

Overall size is 5 1/2 in x 7 1/2 in x 1 1/2 in (W x H x D).

**ORDERING INFORMATION :** MODEL 1204A



### Probe Adapter Kits

The 12501 probe adapter kit allows you to convert your test leads to alligator clips. The kit includes two screw-on probe adapters and two heavy duty screw in alligator clips with insulating rubber boots. These alligator clips open to 1/2 inch, and fit most terminals and bus bars.

The 12502 probe adapter kit includes two screw-on probe adapters and interchangeable screw-in accessories including two alligator clips with insulating rubber boots, two banana plugs, two needle tips, two spade lugs and two heavy duty tips. With this kit you can adapt your voltmeter to the many different situations you encounter on the job.

**ORDERING INFORMATION :**

MODEL	DESCRIPTION
12501	Alligator Clip Adapter
12502	Universal Adapter

