

SAFETY FIRST: The Case for the TEGAM Model 122 Safety Voltmeter



Since 1988 when TEGAM built its first safety voltmeter for Dow Chemical and E.I. du Pont, we have been answering the question... "*What makes a TEGAM Voltman Safety Voltmeter so safe?*"

TEGAM Safety Voltmeters, including the Model 122, are personal protective devices that protect the user even if they make a mistake. Designed specifically for the electric utility electrician, the 122 is the only fully automatic single switch handheld digital voltmeter that will not give you a false reading when induced voltage is present. It also has an automatic continuity tester and backlit display built-in. Every feature has been added for safety and is perfect for meter base testing and other utility applications.

SIMPLE, SINGLE SWITCH OPERATION: Turn it ON. The 122 automatically tests for AC & DC volts and continuity. With a DMM the user must set multiple buttons, switches or selectors before making a measurement, leaving many opportunities for dangerous errors. The 122 is safe to operate, even when wearing gloves.

ATTACHED LEADS: The 122's leads are hard-wired so they will not pull out and accidentally contact a dangerous energy source or ground during a measurement.

LOW INPUT IMPEDANCE: The 122's low input impedance eliminates false readings caused by capacitive-effect, or "phantom" voltages. This was the first digital voltmeter to offer this capability. Any DMM with this feature must be switched into the low impedance mode...another safety issue.

BACK-LIT DISPLAY: The 122's display illuminates when the probes contact a live circuit. This feature allows the user to focus on the test points while providing positive feedback about the circuit status and allows the user to accurately read the display even in poorly lit areas.

Overall the design and operation of the Model 122 is simple. This simplicity means the user can focus on the job...not the tester. The TEGAM Model 122 was designed to be more productive, more accurate and safer than any DMM.