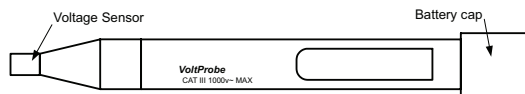




VP-440

Non-Contact VoltProbe®



SYMBOLS

	Refer to the manual		Alternating Current
	Double insulated		Dangerous Voltage
	Complies with EU directives		Underwriters Laboratories.[Note: Canadian and US.]
	Conforms to relevant Australian standards.		Do not dispose of this product as unsorted municipal waste.

FOR USE BY COMPETENT PERSONS

Anyone using this instrument should be knowledgeable and trained about the risks involved with measuring voltage, especially in an industrial setting, and the importance of taking safety precautions and of testing the instrument before and after using it to ensure that it is in good working condition.

SAFETY INFORMATION

⚠ WARNING: Use extreme caution when testing live electrical circuits due to risk of injury from electrical shock.

⚠ Warnings and Precautions

- The VP-440 conforms to IEC 61010-031:2002; CAT IV 1000 V, class II, pollution deg.2 and UL 61010-031.
- This instrument is IEC 61010-031 certified for Installation category IV (1000V). It is recommended for use in distribution level and fixed installations, as well as lesser installations, and not for primary supply lines, overhead lines and cable systems.

⚠ Warnings and Precautions

- Do not exceed the maximum overload limits (see specifications) nor the limits marked on the instrument itself. Never apply more than 1000 V ac rms.
- Observe the proper safety precautions when working with voltages above 30 VAC rms to avoid electrical shock hazard.
- Before and after hazardous voltage measurements, test the detector on a known source such as line voltage to determine proper operation.
- Never ground yourself when taking measurements. Do not touch exposed circuit elements.

- Do not operate the instrument in an explosive atmosphere.
- Do not expose this product to rain or moisture This increases the risk of fire or electric shock.
- Do not rely on this tester for detecting AC voltage on a shielded wire.
- Comply with local and national safety requirements.
- Use proper protective equipment as required by local or national authorities.

INTRODUCTION

The VP-440 VoltProbe is an instrument for safely checking the presence of an AC voltage without making any disconnections in cables, wall sockets, fuses, circuit breakers, junction boxes, etc. No current flow is needed for correct operation.

OPERATION

- Apply the plastic tip to any connection point or move it along an insulated cable.
- When an AC voltage is detected, the red indicator in the plastic tip will illuminate.

A steady glow (not flash) indicates voltage presence. If there is no indication, voltage could still be present. Operation may be affected by differences in socket design and insulation thickness and type.

⚠ Caution: If three phase equipment is being checked and one phase is open, the voltage is conducted back to the defective fuse through the other fuses and will give a faulty indication.

MAINTENANCE AND REPAIR

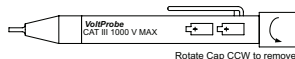
If there appears to be a malfunction during the operation of the meter, the following steps should be performed in order to isolate the cause of the problem:

- Check the battery.
- Review the operating instructions for possible mistakes in operating procedure.

Except for the replacement of the batteries, repair of the voltage detector should be performed only by a Factory Authorized Service Center or by other qualified instrument service personnel. The front panel and case can be cleaned with a mild solution of detergent and water. Apply sparingly with a soft cloth and allow to dry completely before using. Do not use aromatic hydrocarbons or chlorinated solvents for cleaning.

Battery Replacement

Rotate battery cap CCW to remove. Remove batteries and replace with (2) AAA 1.5 volts alkaline batteries. Replace the cap. Note battery orientation on side of case.



SPECIFICATIONS:

Operating voltage: 50-1000 VAC (50 / 60 Hz)  
 Sensitivity: Tip illuminates red at 0.157 (4mm) distance from a wire carrying 220 VAC.  
 Operating Temperature: -20°C to +55°C (-4°F to 131°F) < 95% RH; (0 to 30 °C) < 75% RH; (30 to 40 °C); < 45% RH (40 to 55 °C)  
 Environment: < 2000m, indoor operation  
 Power: (2) AAA batteries 1.5 volts alkaline. NEDA 24A, IEC LRG  
 Dimensions: 147 x 20mm (5.8 x 0.8")  
 Weight: 40 gr(1.5 oz)  
 CE LVD IEC 61010-031:2002 CAT III – 1000V class II and pollution degree 2; cULUS 61010-031.

EMC: EN 61326-1:2006 This product complies with requirements of the following European Community Directives: 2004/108/EC (Electromagnetic Compatibility) and 2006/95/EC (Low Voltage) as amended by 93/68/EEC (CE Marking). However, electrical noise or intense electromagnetic fields in the vicinity of the equipment may disturb the measurement circuit. Measuring instruments will also respond to unwanted signals that may be present within the measurement circuit. Users should exercise care and take appropriate precautions to avoid misleading results when making measurements in the presence of electronic interference.

LIMITED WARRANTY AND LIMITATION OF LIABILITY

Your Amprobe product will be free from defects in material and workmanship for 1 year from the date of purchase. This warranty does not cover fuses, disposable batteries or damage from accident, neglect, misuse, alteration, contamination, or abnormal conditions of operation or handling. Amprobe's warranty obligation is limited, at Amprobe's option, to refund of the purchase price, free of charge repair, or replacement of a defective product. Resellers are not authorized to extend any other warranty on Amprobe's behalf. To obtain service during the warranty period, return the product with proof of purchase to an authorized Amprobe Test Tools Service Center or to an Amprobe dealer or distributor. See Repair Section for details. This warranty is your only remedy. All other warranties - whether express, implied or statutory - including implied warranties of fitness for a particular purpose or merchantability, are hereby excluded. Neither Amprobe nor its parent company or affiliates shall be liable for any special, indirect, incidental or consequential damages or losses, arising from any cause or theory. Since some states or countries do not allow the exclusion or limitation of an implied warranty or of incidental or consequential damages, this limitation of liability may not apply to you.

Repair

All test tools returned for warranty or non-warranty repair or for calibration should be accompanied by the following: your name, company's name, address, telephone number, and proof of purchase. Additionally, please include a brief description of the problem or the service requested and include the test leads with the meter. Non-warranty repair or replacement charges should be remitted in the form of a check, a money order, credit card with expiration date, or a purchase order made payable to Amprobe® Test Tools.

In-Warranty Repairs and Replacement – All Countries

Please read the warranty statement and check your battery before requesting repair. During the warranty period any defective test tool can be returned to your Amprobe® Test Tools distributor for an exchange for the same or like product. Please check the "Where to Buy" section on www.amprobe.com for a list of distributors near you. Additionally, in the United States and Canada In-Warranty repair and replacement units can also be sent to a Amprobe® Test Tools Service Center (see below for address).

Non-Warranty Repairs and Replacement – US and Canada

Non-warranty repairs in the United States and Canada should be sent to a Amprobe® Test Tools Service Center. Call Amprobe® Test Tools or inquire at your point of purchase for current repair and replacement rates.



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Visit us at [www.TestEquipmentDepot.com](http://www.TestEquipmentDepot.com)