

## OPERATING INSTRUCTIONS

Form # 370 4/06

**MODEL: VD6504**  
**NON-CONTACT VOLTAGE TESTER**

### BEFORE USE:

**READ ALL OPERATING INSTRUCTIONS BEFORE USE.** Use extreme caution when checking electrical circuits to avoid injury due to electrical shock. Sperry Instruments assumes basic knowledge of electricity on the part of the user and is not responsible for any injury or damages due to improper use of this tester.

**OBSERVE** and follow all standard industry safety rules and local electrical codes. When necessary call a qualified electrician to troubleshoot and repair the defective electrical circuit.

### SPECIFICATIONS:

**Operating Range:** 50-1000 VAC, 50-60 Hz; CAT III 1000V; CAT IV 600V

**Indicators:** Visual and Audible

**Operating Environment:** 32° - 104° F (0 - 32° C) 80% RH max., 50% RH above 30° C  
Altitude up to 2000 meters. Indoor use.

Pollution degree 2. Accordance with IED-664.

**Cleaning:** Remove grease and grime with clean, dry cloth.

### OPERATION:

**Before use test the battery** by pressing the black button on the top side of the tester. If the battery is good then the light will flash and speaker will chirp momentarily. If indicators do not function then replace the battery. This unit operates from a single AAA battery.

**To test for voltage** press and hold the black button on the top of the unit. Place sensor on or near the wire, device or circuit to be tested. If AC Voltage greater than 50 VAC is present the light will flash and the speaker will beep continuously.

**Static Electricity** - The tester is subject to electrical static interference. If the LED or tone activates a single time, it is detecting the static electricity in the air. When detecting voltage, the LED and tone will activate repeatedly.



**CAUTION - REFER TO THIS MANUAL BEFORE USING THIS TESTER.**



**Double Insulation:** The tester is protected throughout by double insulation or reinforced insulation.



**Warning -** This product does not sense potentially hazardous voltages below 50 volts. Do not use outside of the marked/rated ranges indicated.



**Warning -** To assure the unit is operating properly, always test on a known live circuit before use.



**Warning -** This tester will not detect voltage in wires that are electrically shielded by metal conduit or grounded electrical enclosures.

**Limited Lifetime Warranty** limited solely to repair or replacement; no warranty of merchantability or fitness for a particular purpose. Product is warranted to be free of defects in materials and workmanship for the normal life of the product. In no event shall Sperry Instruments be liable for incidental or consequential damage.

This unit is protected by the following US Patents: US Pat # 5,877,618