

Non-Contact Voltage Tester

NCVT-1

Microprocessor
Controlled

Auto Power Off

Low Battery
Auto Shutdown



**High Intensity Red LED
and Continuous Warning Sound**
when voltage is detected



Bright Green LED
Power On Indicator
and Illuminator

The Non-Contact Voltage Tester (NCVT-1) incorporates the important qualities you've come to expect from Klein Tools. High quality electronics, heavy-duty polycarbonate plastic resins, state-of-the-art construction and a comprehensive feature set; all result in a reliable, durable tester that will provide accurate test readings and a long service life on the job-site, in the shop and at home.

The NCVT-1 is a convenient, compact tool that helps you work safer and faster.

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**KLEIN
TOOLS®**

Non-Contact Voltage Tester (NCVT-1)



Features

- Non-contact detection of voltage in cables, cords, circuit breakers, lighting fixtures, switches, outlets, and wires.
- High intensity, bright green LED indicates the tester is operational and aids in illuminating the workspace.
- When voltage is detected, a high intensity, bright red LED illuminates and a warning tone sounds.
- Discrete digitally controlled ON/OFF power button.
- Auto power-off feature conserves and extends battery life.
- Microprocessor controlled low-battery indicator and tester shutdown.
- CAT IV 1000 Volt rating provides expanded operation and protection.
- 50 to 1000 Volt AC power operating range allows broad application.
- Durable polycarbonate plastic resin construction.
- Lightweight compact design with a convenient clip to fit securely in your pocket.
- Package contains insert card w/ integrated owner's manual and 2 AAA 1.5 volt batteries.

Power On Indicator & Illuminator:

Visual: High Intensity,
Bright Green LED

Power Off & Auto Power Off:

Visual: Power On LED Turns Off
Audible: Double Warning Tone

Low Battery Indicator:

Visual: Green LED Blinks
Audible: Warning Tone

Voltage Detection Indicator:

Visual: High Intensity
Red LED

Audible: Continuous
Warning Tone



Cat. No.	Voltage Range:	Frequency Range:	Pollution Degree	Batteries	Overall Length	Width	Height	Weight (oz.)	Weight w/ Batteries (oz.)
NCVT-1	50-1000 Volts AC	50-500 Hz	2	Two alkaline 1.5V AAA or IEC LR03 or NEDA 24A	5.50" (14.0 cm)	0.72" (1.8 cm)	1.0" (2.5 cm)	0.8 oz (23 g)	1.6 oz (46 g)



Standards:

UL 61010-1 2nd edition
CAN/CSA C22.2 No. 610101-04
EN 61010-1 2nd edition
IEC 61010-1:2001 2nd edition
ISA-82.02.01 (IEC 61010-1 MOD)

Operating / Storage Conditions:

Temperature: 32° to 104° F (0° to 40° C)
Relative Humidity: <80%
Altitude: Up to 6,562 feet (2,000 meters) maximum
Environment: Indoor

Patents:

US D583,266 S
US 7,208,932 B1



WARRANTY:

Klein electronic test and measurement devices (and accessories), manufactured and sold for commercial or industrial uses, are warranted to be free from defects in materials and workmanship for two years from the date of purchase (unless otherwise noted on the product packaging). THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS. At its option, Klein will repair or replace, or refund the purchase price of, any product which fails to conform to this warranty under normal use and service. In no event shall Klein be liable for incidental or consequential damage. This warranty does not apply to batteries.

⚠ WARNINGS:

- It is important that users of this tester read, understand, and follow all warnings, cautions, safety information, and instructions in this manual before operating or servicing this tester. Failure to follow instructions could result in death or serious injury.
- Risk of electric shock and burn. Contact with live circuits could result in death or serious injury.
- Use caution with voltages above 30V AC as a shock hazard may exist.
- A steady red glow and continuous beep indicates voltage present. **If no indication, voltage could still be present.**
- In bright light conditions, the LED visual indicators will be less visible.
- Do not use if green LED is not illuminated.

⚠ CAUTION:

- Do not attempt to repair this tester. It contains no serviceable parts.
- Do not expose the product to extremes in temperature or high humidity.

⚠ WARNINGS:

- Do not use if tester appears damaged or if the tester is not operating properly. If in doubt, replace the tester.
- Do not apply more than the rated voltage as marked on the tester (1000 volts AC).
- Always wear approved eye protection.
- Before each use, verify operation by testing a known working circuit that is within the rating of this tester.
- Do not rely on this tester with shielded wire. Operation may be affected by differences in socket design and insulation thickness and type.
- Comply with local and national safety requirements.
- If this tester is used in a manner not specified by the manufacturer, protection provided by the tester may be affected.

Disposal: Please do not throw tester or batteries in trash; please recycle.

