

VoDetec™

V200

Portable Voltage Detector with Rechargeable Battery

The V200 is a lightweight, wearable non-contact voltage detector that identifies live sources or leaks from a safe distance. With visual/audio alarms and versatile mounting on helmets, arm, or PPE, it ensures maximum worker safety from electrical hazard



Detection Range

AC Voltage	220v	1kV	6.6kV	11kV	33kV	66kV
Distance (m)	0.15	1.1	1.7	1.9	2.2	2.5

Safety & Compliance



- Tested and certified by the National Test House (NTH), Kolkata
- Tested and certified by the ERDA, Gujarat

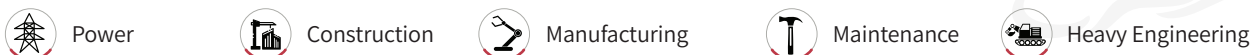
Product Specification

Material	ABS
Operating Temperature	10°C to 50°C
Storage Temperature	-20°C to 60°C
Dimensions	60x62x34mm
Weight	50g
Battery type	Li-ion Battery
Capacity	600 mAh
Type of Charging	Rechargeable
Charging Time	1 Hour
Input Voltage	Upto 2.9V
Runtime	60 hours (Varies as per use)
Low Battery indication	<20% Blinking LED, <5% Beeping Pattern

Applications

- Detecting live AC wires in walls, conduits, switchboards, and junction boxes.
- Checking electrical outlets for active voltage before installation or repair.
- Troubleshooting faulty circuits in industrial panels, distribution boards, and control units.
- Identifying breaks or faults in cables without stripping insulation.
- Verifying de-energized lines prior to maintenance or service work.
- Testing switches, fuses, and connectors for voltage presence.
- Ensuring safe lockout/tagout procedures by confirming circuit deactivation.
- Inspecting lighting fixtures, lamp holders, and ballasts for live current.
- Checking household appliances and extension cords for electrical faults.
- Quick voltage checks during HVAC repairs, automotive electrical testing, and equipment servicing.

Industries





Mounting / Portability Options

Comes with 3 versatile attachments making the device wearable on helmet, wrist, PPE, etc.



Functional Features

Allows the user to temporarily silence the device when entering a danger zone.

The device automatically reactivates once the user exits the danger zone, with the option for manual activation via a button press.

Safety Precautions:

Features a 3-level battery indicator with LED lights. A red LED at the bottom starts blinking at 20%, and an audible beep alerts when below 5%.

Usage Instruction

How to turn On/Off: Press the red button on top to activate the device—battery level is shown on the 3 LEDs, while both green and red LEDs at the bottom light up.

Working: On activation, the green LED blinks every 5 seconds to indicate power. Test near a 220V socket before use, then mount with the provided clips. When near an electrical field, the device beeps with a red LED alert.

For continuous exposure, V200 temporarily mutes the alarm and automatically reactivates once the hazard is cleared, or can be resumed manually.

Safety Precautions:

Ensure the device is securely mounted to avoid accidental detachment.

Regularly check battery levels and replace batteries as needed.

Use the V200 function cautiously and ensure reactivation after exiting danger zones.