

The Tekneka HV500 Non-Contact High Voltage Detector is a safe, reliable, and high-performance instrument designed for contactless detection of AC high and low voltages across a wide range of electrical applications. Featuring advanced sound and light alerts, self-check functionality, and strong anti-interference capability, the HV500 ensures accurate and dependable voltage detection in live environments. Its rugged, shockproof design with IP65 protection makes it ideal for harsh field conditions, while compatibility with most telescopic hot sticks enhances operator safety. The HV500 supports 8 voltage detection levels ranging from 380V to 500kV, making it suitable for live cable inspection, fault detection, residual voltage identification, cable tracking, and high-voltage maintenance tasks.

Features

- Test Voltage: 380V, 6kV, 10kV, 27.5kV, 35kV, 110kV, 220kV, 500kV
- Non-contact voltage detection for safe operation
- Dual LED lights for clear visibility in dark working environments
- Sound and light alarms for voltage warning
- Cable tracking function for fault identification
- Self-check function for operational reliability
- IP65 protection rating for harsh environments
- Shockproof and rugged construction
- Compatible with telescopic hot sticks
- Strong anti-interference performance
- Safety Standards: EN 61326-1 | CISPR 11 | EN 61000-4-2 | EN 61000-4-3 | EN 61000-4-8



Applications

The Tekneka HV500 is widely used by electrical and utility professionals for non-contact detection of live AC voltage in overhead transmission lines, substations, and distribution networks. It is ideal for pre-maintenance safety checks, ensuring circuits and cables are de-energized before work begins. The detector is also used for high-voltage cable inspection, fault location and cable tracking, and identification of induced or residual voltage in power systems. With its compatibility with telescopic hot sticks and IP65-rated rugged design, the HV500 is suitable for field inspections in harsh outdoor environments, including power plants, industrial facilities, and utility maintenance operations.

Packing Includes

- 9V Battery
- User Manual

Ordering Info

HV500..... Non-Contact High Voltage Detector

Description	Ranges
Test Voltage	380V, 6kV, 10kV, 27.5kV, 35kV, 110kV, 220kV, 500kV
Functions	Voltage Detection, Cable Tracking
Warning Functions	Sound and Light
Safety Standards	EN 61326-1, CISPR 11, EN 61000-4-2, EN 61000-4-3, EN 61000-4-8
Lighting	Dual LED (White)
Low Battery Indicator	Yes
Protection Class	IP65
Power Supply	9V Battery
Standard Conditions	23°C (±5°C) 75%RH Below
Operating Conditions	-10 to 50°C < 85%RH
Storage Conditions	-15 to 55°C < 90%RH
Dimension	115 x 115 x 169mm
Weight	Net: 346g/Gross: 562g