

Voltage Detector for Medium voltage

HST-20N

For AC 3k~25kV
DC 3k~25kV

Voltage Detector of Dual Use for AC/DC



■ Features

- **Compact, light weight**

When stowing, it is easy to carry.

- **Tip metal fitting that is easy to detect voltage with safety**

Tip metal fitting consists of a shock absorbing spring.

- **Dual Use for AC/DC**

AC and DC can be detected with this one.

※When DC detecting, with grounding wire.

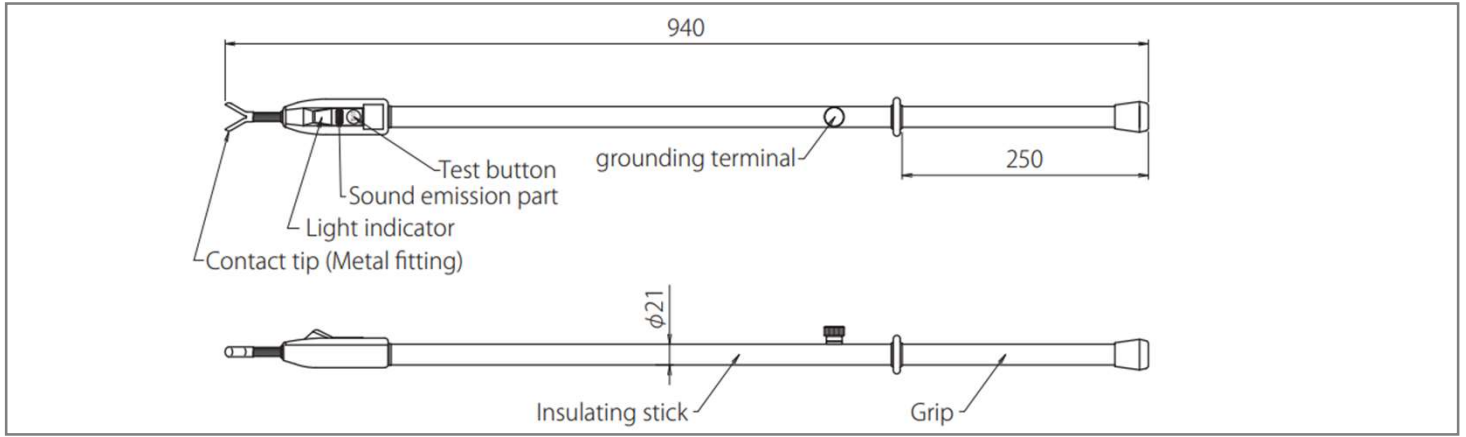
- **Positive indication**

The device with flashing high luminous red LED light and intermittent distinct electronic buzzer sounding easy to perceive.

- **Waterproof**

The sensor is enclosed tightly, preventing failure due to dirt, water and other foreign objects.

■ Dimensions

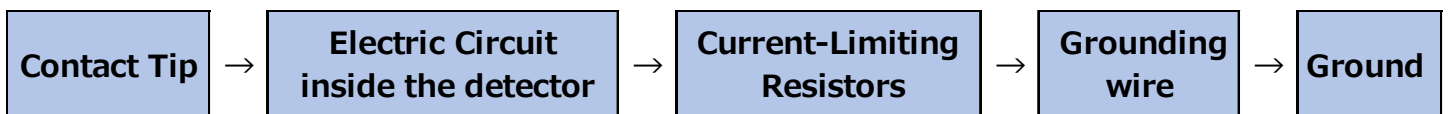


■ Specifications

Working Voltage Range	AC	3kV~25kV
	DC	
Operation starting voltage (Voltage to Ground)	AC	1000V ±20%
	DC	
	Insulated wire	Unusable
Frequency	50/60 Hz, dual-use	
Dielectric strength	Between contact tip and grounding terminal, AC50kV, 1min	
Leakage current	0.5mA or less at dielectric strength test	
Battery	LR44(1.5V) ×2pcs	
Battery life	About 4 hr. in a continuously operating state	
Operating temperature range	-10°C~+40°C	
Weight	About 610g (main body only)	
Accessory	Bag for housing, Grounding wire (7m)	

■ Internal circuit diagram

When the tip contacts the electric DC line, current flows according to below chart.



This current is amplified in the circuit, lighting the lamp and making the buzzer sound, thus the detector indicates that the subject line is charged or not.

In case of AC, the current flows according to below chart. So the device works without a lead wire for earthing.

