

Low Voltage Detector built in LED light

HTE-610L-R type

For AC50~600V

volcheck



volcheck Lineup with a LED Light



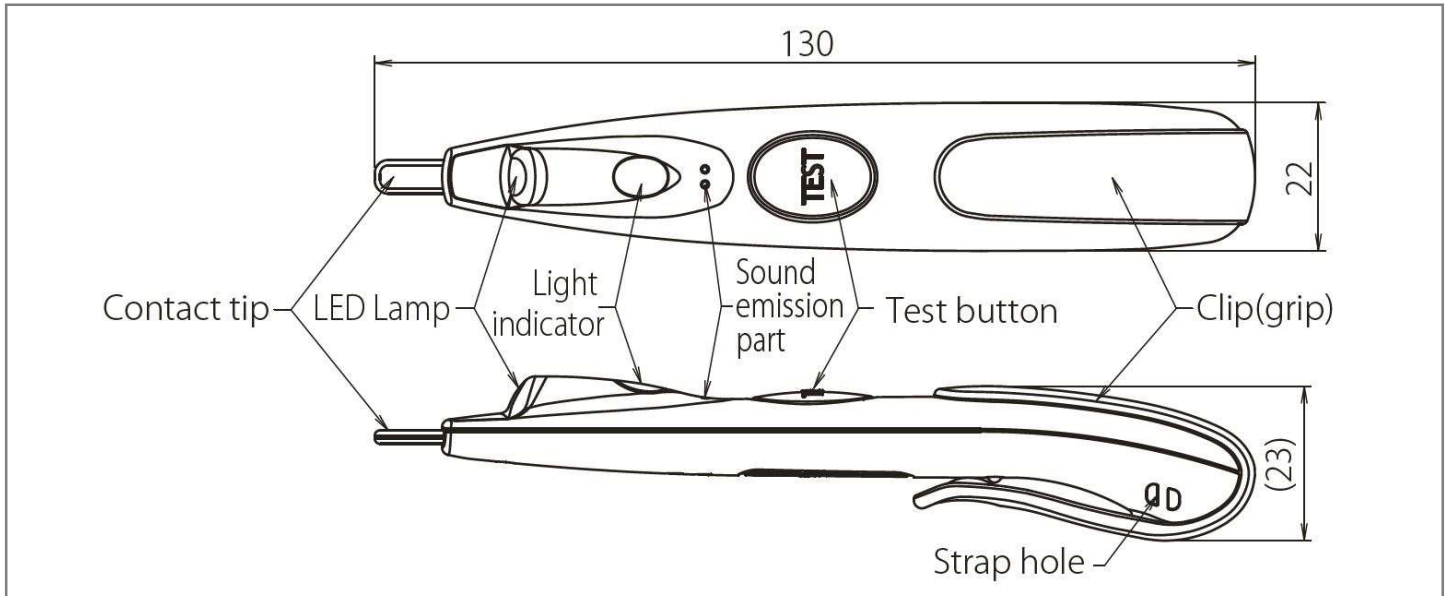
■ Features

- Built in LED light with auto power-off function
- Conductive rubber provides a high level of safety
- Sensitivity adjustable
- Detector designed with minimum variance of sensitivity between bare and covered conductor.

■ Specifications

Working voltage range	AC50V to 600V common use for 50/60Hz
Operation starting voltage (Voltage to ground)	Detection sensitivity adjustable at shipment from the factory. Default:AC40V±10V, contacting to the insulated wire(600V-IV. 2mm ²) according to Hasegawa standard
Battery	LR44(1.5V) ×2pcs
Battery life	New battery about 10hours for continuous operation without LED light About 5hours operation with LED light ON.
Weight	22g (Including batteries)

■ Dimensions

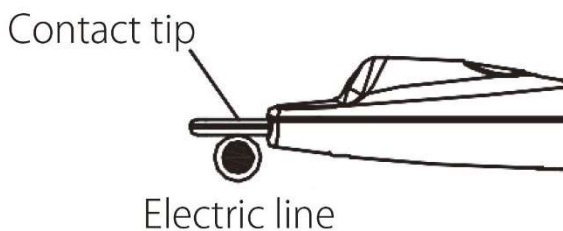


■ How to use

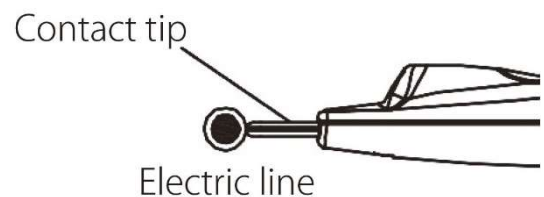
● How to make contact with the detector

To detect voltage correctly, make contact with the side of the tip to ensure large contact area. If not, capacitance decrease and operating sensitivity becomes low.

[Correct]

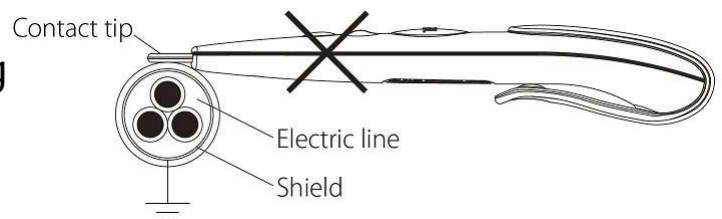


[Wrong]



● Voltage detection for shield cable is not possible.

Voltage detector does not work because of the electrical shielding layer which is grounded.



● Sensitivity adjustment

Sensitivity adjustment can be made when it is required for some reasons such as below.

- ① Detection is not possible over the outer surface of the insulated cable.
- ② It is required to reduce the influence of induced voltage of the area etc.

