



# NON-CONTACT HIGH VOLTAGE DETECTOR

*The 277 HP is an ideal tool for checking the presence of AC high voltages and AC low voltages in cables, wall outlet, fuses.....etc.*

*The 277 HP provides a non-contact detection for AC voltages from 50V~132kV. It's also for industrial, utility and mine safety applications.*

- 2 ranges for selection ( 2 function buttons )  
LOW: 50V~1.5kV  
Press the LOW button, 277 HP is ready for low voltage detection.  
HIGH: 1.5kV~132kV  
Press the HIGH button, 277 HP is ready for high voltage detection.
- Power consumption:  
Off: Less than 5uA  
Low voltage detection mode: Less than 40mA  
High voltage detection mode: Less than 40mA
- Circuit test function  
Press the Test button to make sure the whole circuit is working well before testing actual high voltage circuits.
- Optional accessory:  
HS-175 Telescopic hot stick (triangle-type)  
HS-120 Hot stick

- Use the hot stick HS-175 or HS-120 for high voltage detection: 1.5kV~132kV

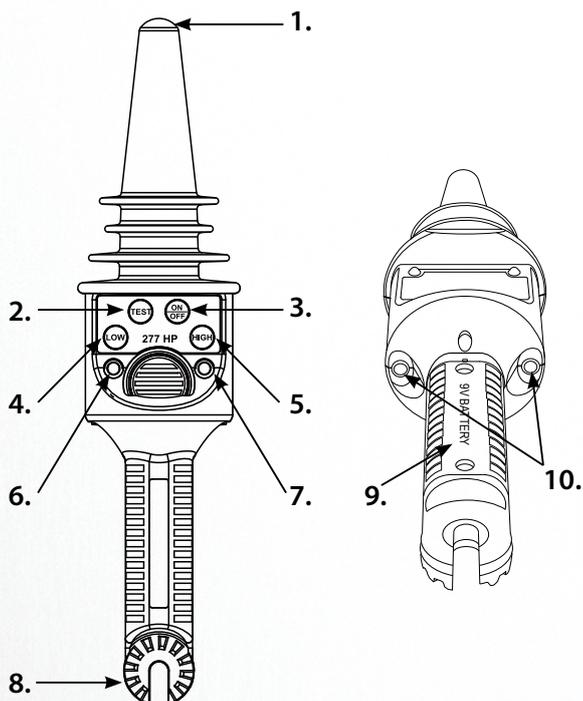


## APPLICATIONS

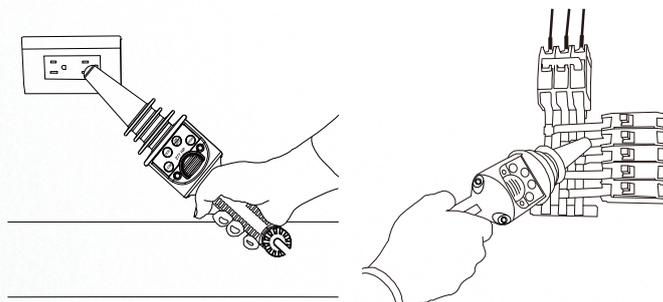
- Non-contact detection of live voltages
- Find faults in cables
- Check and detect live high voltage cables
- Trace live wires
- Check high frequency radiation
- Check grounding equipment
- Detect residual or induced voltages.

# NON-CONTACT HIGH VOLTAGE DETECTOR

### Instrument Layout

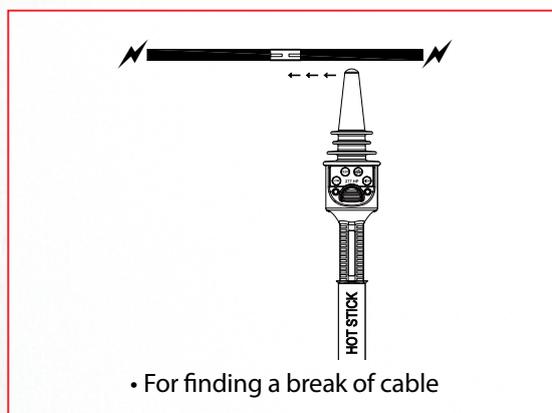


- |                      |                                      |
|----------------------|--------------------------------------|
| 1. Voltage sensor    | 6. LOW range LED                     |
| 2. TEST button       | 7. HIGH range LED                    |
| 3. ON/OFF button     | 8. The connection point of Hot Stick |
| 4. LOW range button  | 9. Battery cover                     |
| 5. HIGH range button | 10. Blue LEDs for detection          |

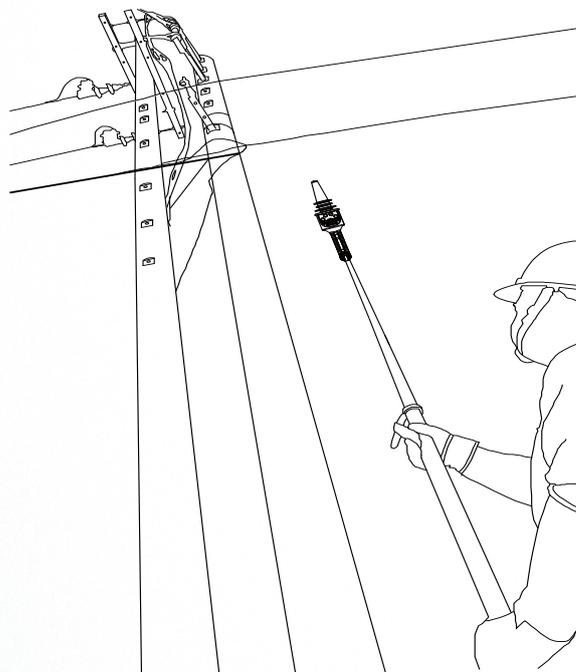


• Voltage detection for a wall outlet

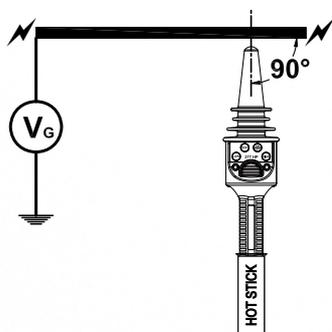
• For finding a break



• For finding a break of cable



• Voltage detection for a line



• The ideal detection angle