

# SEW

## NON-CONTACT HIGH VOLTAGE DETECTOR

The 278 HP is a new water-proof design tool for checking the presence of AC high voltages and low voltages. It has eight voltage detection settings from 240Vac to 275kVac.

The 278 HP provides a non-contact detection of AC voltages with an internal pickup sensor plate.

- **Protection class : IP65**
- **3 LED indicators in a circle for easier viewing in any directions (360° LED indication).**
- 8 voltage settings : 240V, 2kV, 6kV, 11kV, 22kV, 33kV, 132kV, 275kV
- High bright LED visual indication.
- With the longer shelter to make the 3 LED indicators brighter under the sun.
- Sound indication.
- Easy-to-prove method.
- Self-test function.
- Power source : 1.5V "C" type battery × 3
- High impact nylon casing.
- Non-contact work by proximity.
- Compatible with most hot sticks.
- Lightweight, robust & compact.
- Suitable for indoor and outdoor use.
- Easy access to batteries.
- ✘ **Special ranges are available upon request.**
- ✘ **The maximum detection range can be 500kV.**
- Safety standard : EN 61326-1 CISPR 11  
EN 61000-4-2 EN 61000-4-3  
EN 61000-4-8

Taiwan Patent : M489287  
D170390



CE

IP65

- Use the hot stick HS-175 or HS-120 for high voltage detection.



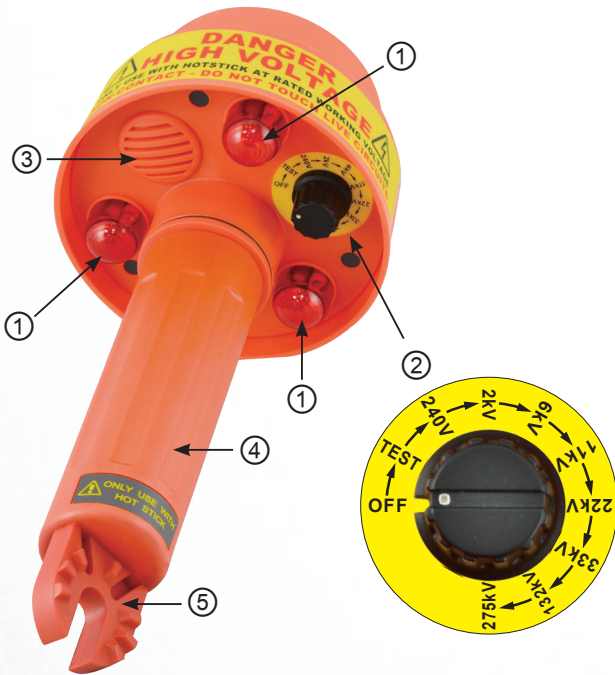
STANDARD ELECTRIC WORKS CO., LTD.  
www.sew.com.tw



8 voltage settings :  
240V, 2kV, 6kV, 11kV, 22kV  
33kV, 132kV, 275kV

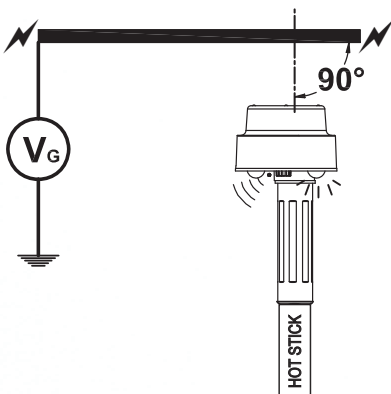
Model  
**278 HP**

## INSTRUMENT LAYOUT



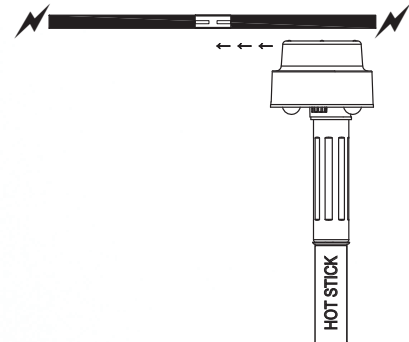
- ① LED indicators
- ② Rotary selector with the settings listed below :
  - OFF – Turn the pick-up sensor off
  - Test – Check if the entire circuitry is working
  - 240V, 2kV, 6kV, 11kV, 22kV, 33kV, 132kV, 275kV
- ③ Buzzer
- ④ Battery holder
- ⑤ Adapter end

### The ideal detection angle

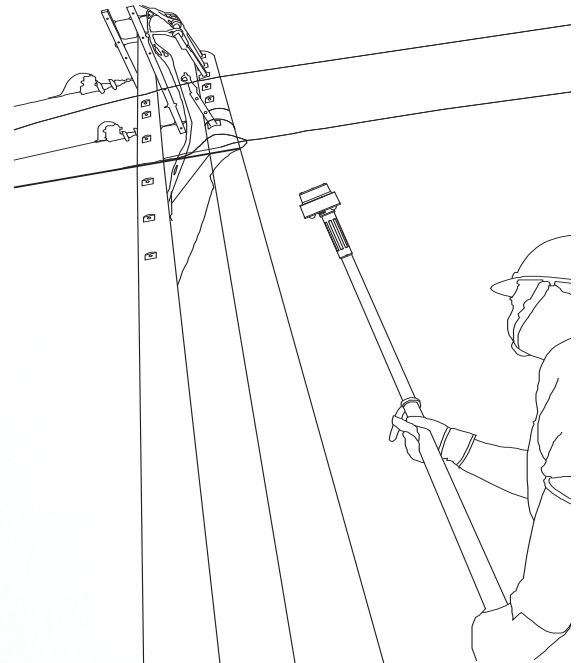


## APPLICATIONS

- 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.



- For finding a break of cable



- Check and detect live high voltage cables (using extension hot stick).



Disconnect hook  
(HOK-HS166)



Fuse extractor head  
(ADP-HS120)

Disconnect  
hook

Fuse extractor  
head



• Carry case (TOC-278)