

Taiwan Patent, M489287  
D170390



CE

IP66

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



# 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 : IP66
  - 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
  - Bright LED visual indication
  - Frequency range: 40~70Hz
  - Longer hood makes LED indicators more visible
  - Audible indication
  - Easy-to-prove method.
  - Self-test function
  - Power source : 1.5V "C" type battery × 3
  - High impact nylon casing.
  - Non-contact detection 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
  - United States Design Patent: US D744, 877 S

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

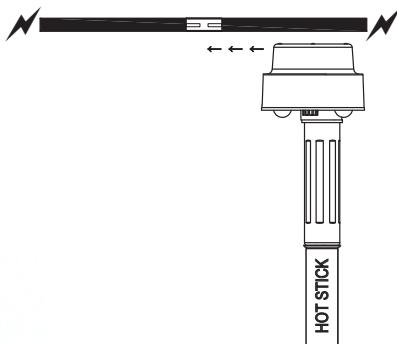
Model  
**278 HP**

## INSTRUMENT LAYOUT

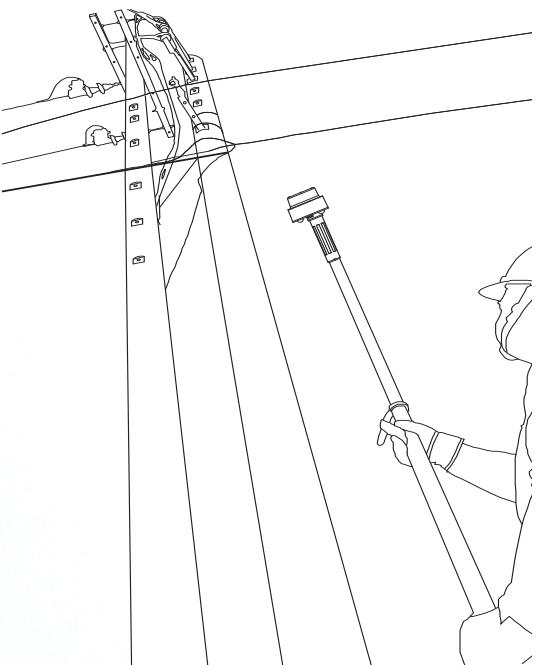


## APPLICATIONS

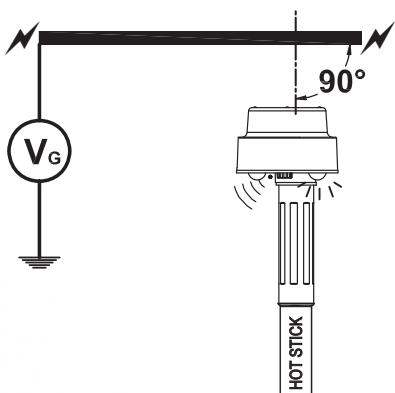
- Non-contact detection of live voltages.
- Find faults in cables.
- Check and detect live high voltage cables.
- Trace live wires.
- Check high frequency radiation.
- Check grounding equipment.
- Detect residual or induced voltages.



- For finding a break of cable



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



The ideal detection angle

## MODELS LIST

Model code	Range
<b>275kV01</b>	OFF--TEST--240V--2kV--6kV--11kV--22kV--33kV--132kV--275kV
<b>275kV02</b>	OFF--TEST--240V--3.3kV--6.6kV--11kV--22kV--33kV--66kV--132kV--275kV
<b>275kV03</b>	OFF--TEST--240V--11kV--22kV--33kV--66kV--110kV--132kV--210kV--275kV
<b>275kV04</b>	OFF--TEST--240V--2.3kV--6kV--11kV--22kV--33kV--132kV--275kV
<b>275kV05</b>	OFF--TEST--240V--2kV--6kV--11kV--22kV--33kV--132kV--230kV--275kV
<b>500kV01</b>	OFF--TEST--240V--3.3kV--11kV--22kV--33kV--66kV--110kV--220kV--330kV--500kV
<b>500kV02</b>	OFF--TEST--240V--4.2kV--15kV--69kV--115kV--230kV--345kV--500kV
<b>500kV03</b>	OFF--TEST--240V--69kV--115kV--138kV--230kV--500kV
<b>500kV04</b>	OFF--TEST--230V--3kV--6kV--10kV--35kV--66kV--110kV--220kV--330kV--500kV
<b>500kV05</b>	OFF--TEST--240V--4.2kV--35kV--69kV--115kV--230kV--345kV--500kV
<b>500kV06</b>	OFF--TEST--400V--15kV--24kV--110kV--220kV--500kV
<b>500kV07</b>	OFF--TEST--240V--4.2kV--15kV--69kV--138kV--230kV--345kV--500kV
<b>500kV08</b>	OFF--TEST--240V--4.2kV--15kV--25kV--35kV--69kV--115kV--138kV--230kV--500kV
<b>230kV01</b>	OFF--TEST--240V--69kV--115kV--138kV--230kV
<b>230kV02</b>	OFF--TEST--240V--4.2kV--15kV--25kV--35kV--69kV--115kV--230kV
<b>220kV01</b>	OFF--TEST--240V--3.3kV--6.6kV--11kV--22kV--33kV--66kV--110kV--220kV
<b>220kV02</b>	OFF--TEST--0.22kV--6kV--10kV--35kV--110kV--220kV
<b>220kV03</b>	OFF--TEST--240V--1kV--3.3kV--6.6kV--11kV--22kV--33kV--66kV--132kV--220kV
<b>220kV04</b>	OFF--TEST--240V--11kV--33kV--132kV--220kV
<b>33kV01</b>	OFF--TEST--33kV
<b>11kV01</b>	OFF--TEST--11kV
<b>115kV01</b>	OFF--TEST--240V--11kV--15kV--34.5kV--69kV--115kV

•Special ranges are available upon request .

## SPECIFICATIONS

<b>Operating temperature</b>	-10°C ~ 50°C
<b>Storage temperature</b>	-20°C ~ 60°C
<b>Humidity</b>	85% R.H. @40°C
<b>Case height</b>	265 mm
<b>Case width</b>	117 mm
<b>Weight (battery included)</b>	Approx. 600g
<b>Power source</b>	1.5V "C" × 3 Alkaline batteries
<b>Accessories</b>	Instruction manual Disconnect hook Fuse extractor head Carry case Batteries

## Accessories

**SEW**



Disconnect hook  
(HOK-HS166)



Fuse extractor head  
(ADP-HS120)

Disconnect  
hook

Fuse extractor  
head

• Carry case (TOC-278)



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Model  
**278 HP**