

NON-CONTACT HIGH VOLTAGE DETECTOR

IP65

The 220 HP is an ideal tool for checking the presence of AC high voltages and AC low voltages.

The 220 HP provides non-contact detection for AC voltages from 100V~220kV. It's useful in industrial, utility and voltage detection applications.

- **Protection class: IP65**
- 3 voltage settings
 - Low: 100V~1.5kV
 - Medium: 1.5kV~33kV
 - High: 33kV~220kV
- Bright LED visual indication
- Frequency range: 40~70Hz
- Audible indication
- Easy-to-prove method
- Self-test function
- Non-contact detection by proximity
- Compatible with most hot sticks
- Lightweight, robust and compact
- Power consumption:
 - OFF: 0mA
 - Voltage detected: 56mA approx.

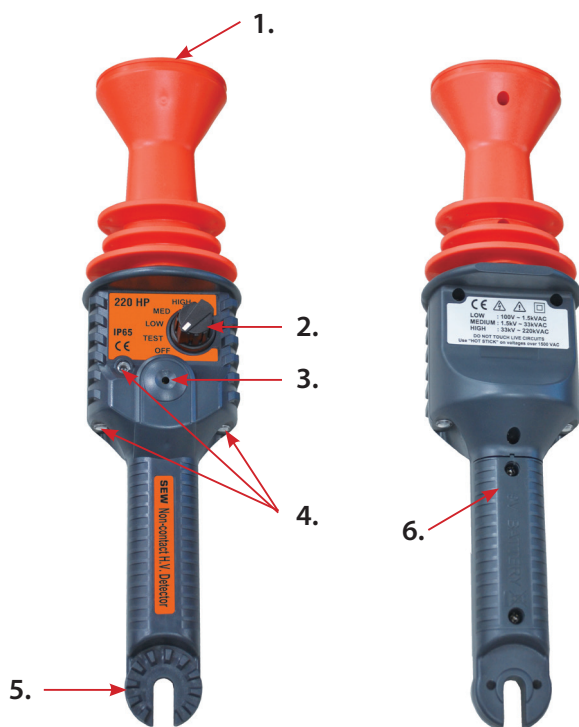
SPECIFICATIONS

Operating temperature	0°C~40°C
Dimensions	314(L) x 75(W) x 70.5(D)mm
Weight (battery included)	Approx. 270g
Power source	9V (6LF22) x 1 Alkaline battery
Safety standards	EN IEC 61326-1 EN 61000-4-2 EN 61000-4-3 EN 61000-4-8
Accessories	Instruction manual Carry case Alkaline battery

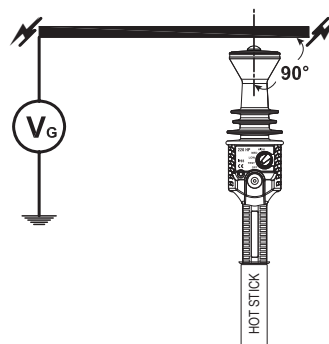
APPLICATIONS

- 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

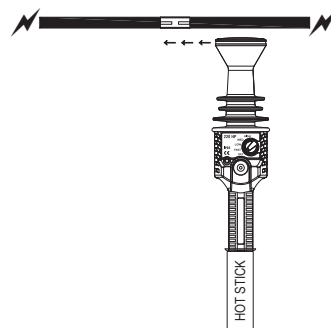
Instrument Layout



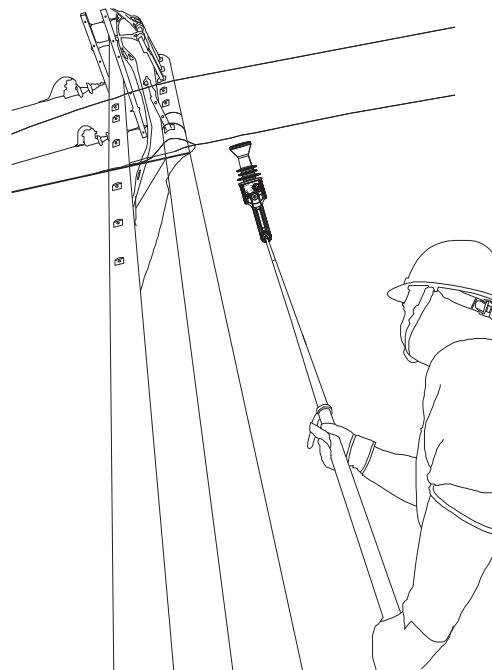
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|---|---|
| 1. Voltage sensor | 4. LED indicators: High bright low current LEDs triggered on voltage detection. |
| 2. Rotary selector with settings listed below:
Low: 100V~1.5kV
Medium: 1.5kV~33kV
High: 33kV~220kV | 5. Adapter end: The adapter end connection for hot stick. |
| 3. Buzzer: The buzzer triggered on voltage detection. | 6. Battery cover |



The ideal detection angle



For finding a break of cable



Voltage detection for a line