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 outlets, 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

**SPECIFICATIONS**

<table>
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<tr>
<th>Specification</th>
<th>Details</th>
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<tbody>
<tr>
<td>Operating temperature</td>
<td>0°C~50°C</td>
</tr>
<tr>
<td>Dimensions</td>
<td>318(L) x 75(W) x 71(D)mm</td>
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<tr>
<td>Weight (battery included)</td>
<td>Approx. 227g</td>
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<tr>
<td>Power source</td>
<td>9V(6LF22) x 1 Alkaline battery</td>
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<tr>
<td>Safety standards</td>
<td>EN 61326-1, EN 61000-4-2, EN 61000-4-3</td>
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<td>Accessories</td>
<td>Instruction manual, Carry case, Battery</td>
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</table>

**APPLICATION**

- 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.

- Voltage detection for a line
- For finding a breaker
- Voltage detection for a wall outlet
- For finding a break of cable
- The ideal detection angle
- The 277 HP is ready for high voltage detection.

**Certifications**

- EN 61326-1
- EN 61000-4-2
- EN 61000-4-3