



Model H290L HD

High Voltage Detector

The H290L HD detects **high and extra high** voltage in AC lines. Elongated insulation rods permit checking high-tension circuits from a safe working distance. The handy telescopic rods make these detectors compact, lightweight, and easy to use.

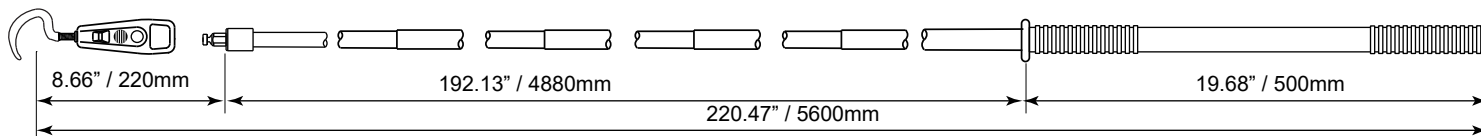
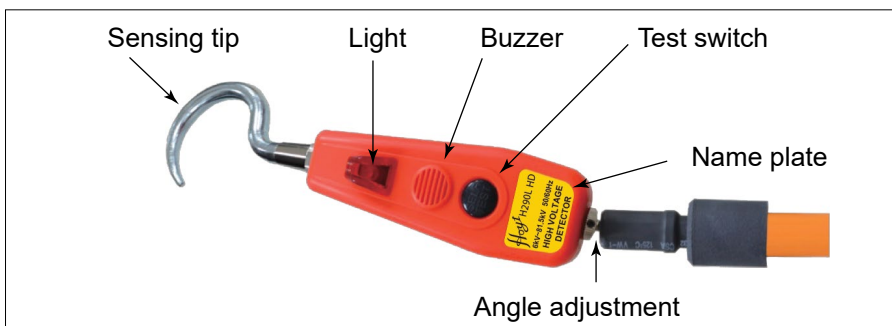
Features

- Telescopic, compact, lightweight.
- High voltage detection.
- Self test button feature.
- Easy to recognize indication.
- High intensity red light emitting diode and intermittent audible sound for easy recognition in full sunlight and noisy environments.
- Waterproof.

Specifications

Withstand voltage:	100kV / 300mm: 1 minutes (on insulating rod)
Insulation resistance:	2000M Ω min by 1kV / DC megger at the same testing location as withstand voltage
Leakage current:	100uA or less than 100uA at withstand voltage test
Construction:	Water proof (detecting head impervious to water)
Measuring voltage:	6kV~81.5kV
Operation start voltage:	2.7kV (to ground)
Display Light:	Flashing red light.
Sound:	Intermittent sound 50 dB apart 3 m.
Frequency:	50 / 60Hz
Operating temperature:	0°C ~ 40°C
Battery:	2 button-cells LR44(1.5V)
Overall length	Retracted: 1370 $\pm$ 50mm Extracted: 5600 $\pm$ 50mm
Weight:	Approx. 1.25kg (battery included)
Safety standards:	IEC / EN 61243-1
Accessories:	Instruction Manual.

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