

# High Voltage Detector

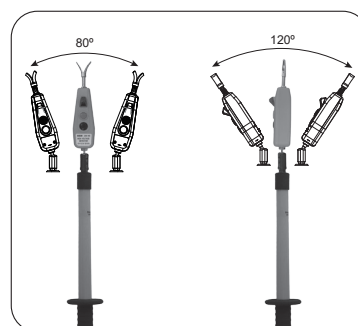
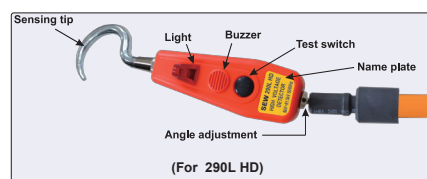
The 230 HD, 290 HD and 290L HD detect high and extra high voltage in AC lines. Elongated insulation rods permit checking high-tension circuits from a safe working distance. The handy telescopic rods make these detectors compact, lightweight, and easy to use.

## FEATURES

- Telescopic, compact, lightweight
- High voltage detection
- Self test button feature
- Angle adjustment for voltage detection (rotatable)
- Easy to recognize indication
- High intensity red LED and intermittent audible alarm for easy recognition in full sunlight and noisy environments

## SPECIFICATIONS

	230 HD	290 HD	290L HD
Withstand voltage (On insulating rod)	100kV / 300mm : 1 minutes		
Insulation resistance	2000MΩ min by 1kV / DC megger at the same testing location as withstand voltage		
Leakage current	100uA or less than 100uA at withstand voltage test		
Measuring voltage range	6kV~36.5kV	6kV~81.5kV	
Operation start voltage(To ground)	2.7kV	2.7kV	2.7kV
Display	Light: Flashing red light. Sound: Intermittent sound 50 dB apart 3 m.		
Frequency	50/60Hz		
Operating temperature	0°C ~ 55°C		
Battery	2 button-cells LR44(1.5V)		
Overall length	Retracted	893±50mm	1370±50mm
	Extracted	1520±50mm	2450±50mm
Weight (battery included)	Approx. 485g	Approx. 590g	Approx. 1.25kg
Safety standards	EN IEC 61243-1		
Accessories	Instruction manual Soft pouch Battery		Instruction manual Battery



Optional for 230 HD,  
rotatable or not rotatable

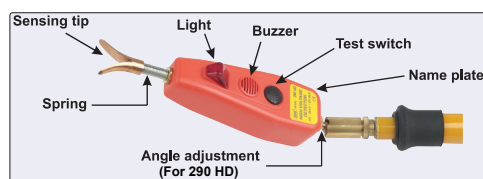
### Soft Pouch



**230 HD**

**290 HD**

**290L HD**



### • Dimension(For 290L HD):

