

# High Voltage Detector

# SEW

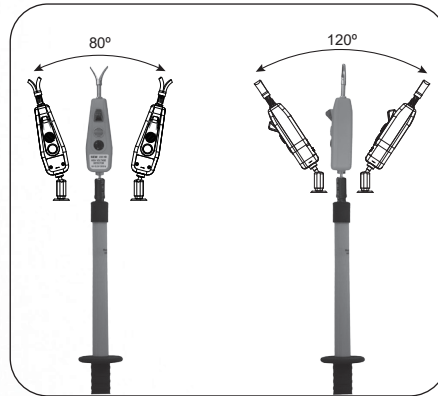
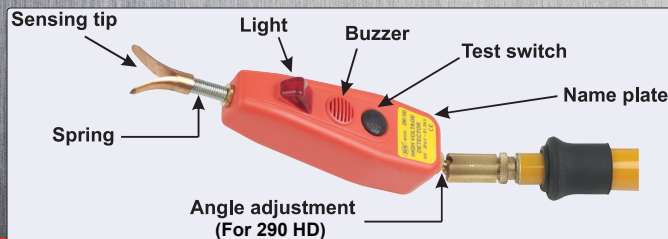
The 230 HD and 290 HD detect high and extra high voltage in AC lines. Elongated insulation rods permit checking high-tension circuits from a safe working distance. The handy telescopic rods make these detectors compact, lightweight, and easy to use.

## FEATURES

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

## SPECIFICATIONS

	230 HD	290 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	
Construction	Water proof (detecting head impervious to water)	
Measuring voltage range	6kV~36.5kV	6kV~81.5kV
Operation start voltage (To ground)	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	1370±50mm
	Extracted	2450±50mm
Weight (battery included)	Approx. 485g	Approx. 590g
Safety standards	IEC / EN 61243-1	
Accessories	Instruction manual Soft pouch	



Optional for 230 HD, rotatable or not rotatable



Soft Pouch

**230 HD 290 HD**



**STANDARD ELECTRIC WORKS CO., LTD.**  
www.sew.com.tw

5F., NO.105, JHONGCHENG RD., TUCHENG DIST.,  
NEW TAIPEI CITY 23674, TAIWAN (R.O.C.)  
TEL: 886-2-22681528  
FAX: 886-2-22681529  
e-mail: sales@sew.com.tw

Model

**230 HD**  
**290 HD**