

HST series

HST-30/HST-70/HST-170/HST-250

Medium voltage & High voltage detector

AC	HST-30	3kV~ 34.5kV
	HST-70	20kV~ 80.5kV
	HST-170	60kV~195.5kV
	HST-250	150kV~287.5kV

Audio signaling and light emitting

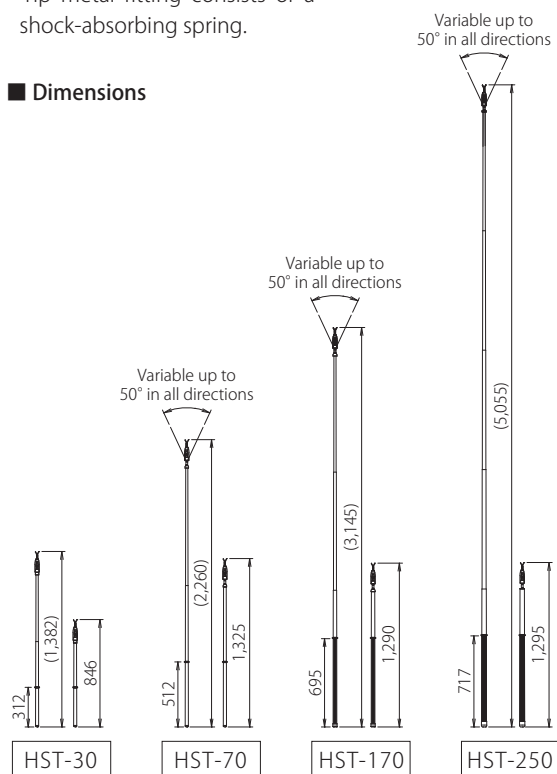
Telescopic type

Waterproof

Features

- FRP is used for the insulating stick. It is lightweight and outstanding in operability.
- Tip metal fitting consists of a shock-absorbing spring.

Dimensions



For Medium voltage and High voltage, light weight and easy to use



Because the angle at the detector is adjustable, it can be set up so that the light emission is easy to see. (HST-70, HST-170, HST-250)

Accessory



HST-30 (Shortened state) HST-170 (Shortened state)

Operating rod can be changed to a longer one. (* Changing to a shorter one is not possible from the viewpoint of safety.)

Model	Standard product	Model after changing the operating rod		
		Changed to operating rod of HST-70 (2,260 mm)	Changed to operating rod of HST-170 (3,145 mm)	Changed to operating rod of HST-250 (5,055 mm)
HST-30		HST-30G	HST-30H	HST-30J
HST-70		—	HST-70H	HST-70J
HST-170		*	—	HST-170J



(for HST-V series) Universal joint compatible

Specifications

Model	HST-30	HST-70	HST-170	HST-250
Working voltage range	AC 3kV~34.5kV	20kV~80.5kV	60kV~195.5kV	150kV~287.5kV
Operation starting voltage	Bare wire 500V±20%	3kV±20%	10kV±20%	20kV±20%
(Voltage to ground)	φ5mm-OC wire 3 kV or less	—	—	—
Frequency	50/60Hz			
Dielectric strength	Contact tip – Grip 70 kVAC, 1 min	Insulating stick 75 kVAC/300 mm, 1 min (following positions except for the electrode and joint portions)		
		3 locations	6 locations	8 locations
Leakage current	100 μA or less at dielectric strength test/1 position			
Battery	LR44(1.5V) × 2 pcs			
Battery life	About 4 hr. under continuously operating state			
Operating temperature range	-10°C~+50°C			
Weight	About 340 g	About 530 g	About 600 g	About 1030 g