



EK-A180A/A180B Wireless High Voltage Electroscope

Product Function

380V~220kV high voltage circuit line electricity testing, high voltage circuit line earth voltage test, induction voltage test, high voltage circuit line current test.

Product features

1. Hang the detector on the high voltage circuit line with insulation rod, and then can be electricity testing and displayed high voltage line voltage and current.
2. Safe and fast, which is the maintenance essential tools of power transmission line.
3. Voltage level full coverage below 220kV, no need to be equipped with many electroscopes.
4. Wireless transmission, audible and visible alarm function and data upload function.

Technical Specification

Model	EK-A180A	EK-A180B
		
Function	Wireless high voltage electricity testing, high voltage line voltage test	Wireless high voltage electricity test, high voltage line voltage and current test
Voltage Level Display	380V, 6.6kV, 10kV, 35kV, 66kV, 110kV, 220kV	380V, 6.6kV, 10kV, 35kV, 66kV, 110kV
Voltage To Earth Range	0.1kV~150kV (to earth voltage)	0.1kV~69kV (to earth voltage)
Electricity Testing Voltage Range	380V~220kV	380V~110kV
Power Supply	Host: DC6V Alkaline dry battery (LR03 1.5VX4PCS); Detector: DC9V, alkaline dry battery (6LR61 9V)	
Display Screen	47mmX28.5mm (with backlight)	
Voltage to Earth Display Accuracy	±15%±5dgt	
*Current Test (only B model)	Range: 0.1A~6000A; Accuracy: ±3%±5dgt; Resolution: 0.1A	
*Probe Length (only A model)	110mm (Model A can be replaced with hook or pin probe according to site condition)	
Wireless Frequency	433MHz	
Wireless Transmission Distance	Straight-line transmission distance about 30m	
Electricity Testing Indication	When electricity testing, the detector has audible and visual indication function, will be red double flashing light indication and "Du-du-du" buzzing sound	
Display Speed	2 times/second	
Data Storage	99 groups (Power down or replace the battery will not lose data)	
Automatic Shutdown	10 minutes without any operation after starting up, the detector will shutdown automatically	
Low Battery Voltage Indication	When the detector battery voltage drop to 7.2V±0.1V, the green power indicator flashes; when the receiver voltage lower than 4.8V±0.1V, low battery voltage symbol "E+" will display and remind to replace battery.	
Rated Current	Detector: 75mA max; Receiver: 35mA max	
Hook Caliber	φ50mm(EK-A180A); φ60mm(EK-A180B)	
Insulation Rod Length	Max Diameter:Ø45mm; Length: Contraction state 850mm; Stretched state 4300mm	
Meter Dimension	Receiver: 78mmX165mmX42mm; Detector: 300mmX237mmX85mm	
Meter Weight	About 6KGS(include accessories)	
Accessories	Detector:1PCS; Receiver: 1PCS, Hook probe: 1PCS; Pin probe: 1PCS(only for A model); Insulation Rod: 1PCS; USB LR03 battery: 4PCS; 6LR61 battery: 1pcs; communication cable:1PCS; Tool bag: 1PCS	

