



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 maintaince 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 Specifications

| Model | EM1800A | EM1800B |
|-----------------------------------|--|--|
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| 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 |
| 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 | 433Hz | |
| Wireless Transmission Distance | Straight-line transmission distance about 30m | |
| LCD Size | 47mmX28.5mm (with backlight) | |
| Power | Host: DC6V Alkaline dry battery (LR03 1.5VX4PCS); Detector: DC9V, alkaline dry battery (6LR61 9V) | |
| 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+B" will display and remind to replace battery. | |
| Rated Current | Detector: 75mA max; Receiver: 35mA max | |
| Hook Caliber | φ50mm(EM1800A); φ60mm(EM1800B) | |
| Instrument Dimension | Receiver: 78mmX165mmX42mm; Detector: 300mmX237mmX85mm | |
| Instrument Weight | About 6KGS(include accessories) | |
| Insulation Rod Length | Max Diameter:Ø45mm; Length: Contraction state 850mm; Stretched state 4300mm | |
| 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 | |