ES9080 Non-contact High Voltage Detector



1、Brief introduction

ES9080 non-contact high-voltage tester is designed with a non-contact approach, ensuring safety and reliability. It is used to detect the presence of alternating high voltage and low voltage. This instrument features sound alerts, light alerts, self-checking, and compatibility with most insulating rods. The entire device is elegant and high-end, with a wide range of measurement capabilities, convenient operation, easy portability, accurate and reliable performance, strong anti-interference ability.

ES9080 non-contact high-voltage tester also has an IP65 protection level, shock-resistant structure, and is suitable for harsh working environments. It is applicable for non-contact detection of live voltage, locating cable faults, inspecting and detecting live high-voltage cables, tracking on-site wires, checking for high-frequency radiation, checking grounding equipment, detecting residual voltage or induced voltage, and other detection requirements.

ES9080 non-contact high-voltage tester has 8 voltage detection levels, with a rated test voltage range of 380V to 550kV.

2、Technical index

Function	Voltage detection, cable tracking
Power supply	DC 9V (one 6F22 battery)
Base condition	23℃±5℃，＜75%rh
Voltage for testing electricity	380V；6KV；10KV；27.5KV；35KV；110KV；220KV；500KV
measurement mode	Inductive measurement

Shift gear	Manual gear shifting
Wire position	The side of the measured wire that is facing the instrument and has a light source
meter size	115mm (length)×115mm (wide)×169mm (high)
protection class	IP65
prompt facility	When the detected voltage exceeds the voltage set by the position, an audible and visual alert will be given.
power dissipation	Max：65mA
Instrument quality	365g（With batteries）
Working temperature and humidity	－10℃～+50℃＜85%RH
Storage temperature and humidity	－15℃～+55℃＜90%RH
Low battery alert	Yes. When the battery is low, the instrument will give a low battery light indication.
cell voltage	When the battery voltage drops to approximately 5.5V, a low battery voltage signal is triggered, alerting the user to replace the battery.
Suitable for safety regulations	EN 61326-1 CISPR 11 EN 61000-4-2 EN 61000-4-3 EN 61000-4-8

◆Note: This introduction is for reference only. For detailed parameters, please refer to the manual.

3、Packing list

instrument	1 pc
Instrument battery	9V（6F22）battery 1 pc
Instruction manual, warranty certificate	1 pc

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