

Technical Parameters

Function	Description
Function	Insulation resistance measurement (IR); polarization index measurement (PI);Dielectric absorption ratio (DAR);Step test (STEP); Ramp test(RAMP);Dielectric discharge index(DD); Voltage test(V); Capacitytest(uF)
Power Supply	Rechargeable lithium battery 6.4Ah 14.8V
Output Voltage Gear	50V,250V,500V,1kV,2.5kV,5kV,10kV,15kV
Custom Setting Voltage	40V~15kV
Output Voltage Accuracy	(5%~10%)±10V
Insulation Resistance Test Range	0.005MΩ~30.0TΩ
Output Short Circuit Current	≥7mA
Polarization Index Test	Yes
Dielectric Absorption Ratio Test	Yes
Step Mode (STEP)	Yes
Ramp mode(RAMP)	Yes
Dielectric discharge index(DD)	Yes
Voltage Test	Range:DC:0V~800V; Accuracy: ±5%rdg±3V Range: AC: 0V~700V; Accuracy:±5%rdg±3V
Capacitance Test	Range: 10nF~200uF; Accuracy: ±10%rdg±10nF
Real TimeCurrentDisplay	Display test current value, current display range: 0.001nA~7.5mA
Real TimeVoltageDisplay	Real time monitoring the voltage of the tested terminal,In the non-test state, when the voltage is larger than 36V, the test is prohibited to protect the safety of the instrument and the operator.
Test Timer	Automatic record test time, time range: 0s~9999s
Test Time	After selecting the DAR, PI, DD test options, the test will be stopped immediately after the test result is obtained; in the custom test mode, the test duration can be set by user; in the normal test mode, the test time is not limited, and the operator can manually stop the test.
Custom Setting Time	10s~3600s
Store Function	Automatically store the test data, which can reply the test record in tester
USB Communication	Yes, the test record can upload to the PC through USB cable
Bluetooth Communication	Yes, can be connected to Android phones or other devices with Bluetooth communication function.
Battery Power Display	With battery power display, when battery voltage low will remind to charge in time
Automatic Shutdown	After 15 minutes start up will shut down automatically without any operation
Tester Dimension	280mmx260mmx160mm
Tester Weight	Host:4326g (include the battery); Total weight: 6.96kg (Accessories)
Protection Level	Close the case IP65, open the case IP40
Working Environment	-20°C~50°C; 80%rh
Store Environment	-25°C~65°C; 80%rh
Insulation Resistance	50MΩ (1000v) (between the test circuit and shell)
Withstand Voltage	AC 3kV 50Hz 1min (between the test circuit and shell)
Suitable Safety Standard	IEC61010-1, IEC61326-1