

Hipot Tester

7631

Features

- 8 channels
- Support AC 5000V, DC 6000V, Insulation Resistance 12GΩ
- Arcing detection
- Adjustable ramp time (0.1s-10s)
- True RMS measurement circuit
- USB Host storages setting files and can update firmware
- Support Remote control signal
- 7508/7516 (8/16 channels) expansion box can conjunction with 7631 for expanding channels to meet the vehicle wire or PCB testing

Applications

Transformers, motors, capacitors, inductors, wires and wave filter



CE RS-232 Remote USB Host/Device EXT. I/O

Key Features

Max.72 Channel



7631 can conjunction with up to four 7508 or 7516. Multiple channels are mostly used for automated testing.

Accessories / Fixtures

Standard

- Power Cord
- HV test red cable
- D-Sub foot switch (F760001)

Optional

- PC Link software
- RS-232 cable
- HV scan box (F7620)
- Remote control cable
- 7508/7516 8/16-channel expansion box

Specifications

Model Name	7631
Channel	8
AC Hipot	
Output Voltage	10V-5000V
Voltage Resolution	1V
Voltage Accuracy	±(3% of setting+5V)
Output Frequency	50/60Hz
Rated Current (Max.)	30mA
Leakage Current	0.001-31mA
Lower Leakage Current Resolution	0.001mA
Lower Leakage Current Accuracy	±(3% of reading + 10uA)
Measuring Time	0.1-999s
Measuring Time Resolution	0.1s
Ramp Time	0.1-10s
Arcing Detection	Detect gears from 0-20 (1 is the most sensitive)
DC Hipot	
Output Voltage	10V-6000V
Voltage Resolution	1V
Voltage Accuracy	±(3% of setting+5V)
Rated Current (Max.)	10mA
Leakage Current	0.001-11mA
Lower Leakage Current Resolution	0.001mA
Lower Leakage Current Accuracy	±(3% of reading +10uA)
Measuring Time	0.1-999s
Measuring Time Resolution	0.1s
Ramp Time	0.1-10s
Arcing Detection	Detect gears from 0-10 (1 is the most sensitive)
Insulation Resistance	
Output Voltage	10-1000Vdc
Voltage Resolution	1V
Voltage Accuracy	± (3% of setting+5V)
Rated Current (Max.)	1mA
IR Upper Threshold	1-12000MΩ
IR Lower Threshold	0-11999MΩ
IR Resolution	1MΩ
IR Accuracy	100-500V, 1-1000MΩ (±5%) 500-1000V, 2-12000MΩ (±5%)
Measuring Time	0.1-999s
Measuring Time Resolution	0.1s
Ramp Time	0.1-10s

General

PLC Remote Control	Test, Abort
PLC Remote Output Signal	Pass, Fail, HV output, Testing
Safety Switch	When testing, you need to short-circuit the INTER LOCK on the rear of the instrument to output the test voltage
Built-in Storage	15 sets setting files
USB Host Storage	Storage setting files and update firmware
List Mode	Each group contains up to 32 steps
Power Supply	RS-232, Remote, USB Host/Device, EXT. I/O Voltage 90Vac-264Vac
Power Consumption	250VA
Interface	Frequency 50/60Hz ±5%
Display	480*272, 4.3" TFT LCD
Environment	Temperature: 5°C-40°C, Humidity: 0-80%RH
Dimension (W*H*D)	435×145×500mm
Weight	15kg