

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

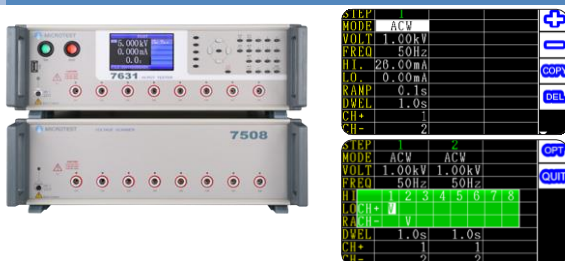
Applications

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



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

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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 |