

Cable/Harness Tester

IV. TH8603-4 Cable/Harness Tester



Features

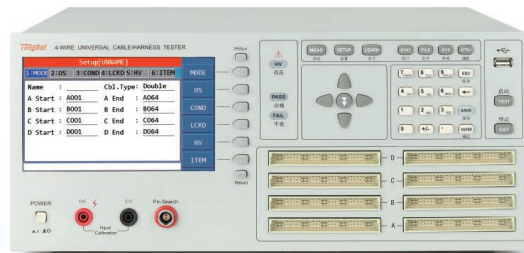
- 7-inch TFTLCD true color display, 800X480 resolution, 16-bit color.
- Internal storage space 3M
- Support U disk to store test files
- One-click screen capture function, pictures are automatically stored to U disk
- The program can be upgraded online via U disk
- Chinese and English optional operation interface
- Maximum provides 512 (two-wire)/256 (four-wire) channels, divided into 8 slots A, B, C, D, E, F, G, H
- (Patent) Provides 750VAC and 1000VDC high voltage test functions, adopts high and low voltage separation technology, makes its own insulation resistance up to 100G or more, and has a wider test range
- (Patent) Provide 4 kinds of high voltage test methods: one pair of other, dichotomy, automatic test, ground test 4 methods
- Provide excellent and reliable arc detection function
- Testing resistance, capacitance, diode and other components, using four-terminal test technology, higher test accuracy; using voltage and current separation parallel sampling technology, sampling data faster
- Support Typec related wire test, provide a complete test plan, and add the function of one-key setting of components.
- An independent DC constant current source is set inside, which can provide a maximum of 10A constant current source for measuring the voltage drop of the line
- An independent read-write chip module is built in to check whether the chip in the wire is normal
- Support connector test, provide multi-product test function, and signal output of each product.
- Support multi-file testing, providing more and more flexible testing solutions for complex wires.
- HANDLER interface, supports 16 outputs, all options are relay driven, and the user can freely define the signal and level of each channel
- Communication command provides SCPI command system
- Provide instrument self-check function and maintenance function, and can perform online troubleshooting of instrument faults

Application

- Communication and IT
telephone lines, network cables, multi-strand cables, mobile phone screen cables, TYPE-C data cables, USB data cables, laptop screen cables, HDMI cables, VGA cables, IDE hard disk cables, SATA hard disks Connection line etc.
- Automotive Electronics
ECU cable, automotive wiring harness, navigation cable, navigation screen cable, car electronic product cable, audio and video cable
- Electronic Industry
Flat wire, flat wire, connector, power cord, multiplexer, RS232 connection line, GPIB cable, USB extension cable, multi-core socket
- Components
Passive components: capacitors, inductors, resistors, diodes, capacitor polarity, voltage drop
- Safety test
AC withstand voltage, DC withstand voltage, insulation insulation

Standard Accessories

- Three-core power cord
- TH26060D Probe
- TH26060B Transfer Fixture
- TH8601-32 Test Cable



| | | | | | |
|----------|----------|------------|----------|--------|--------|
| RS232 | USB HOST | USB DEVICE | HANDLER | GPIB | RS485 |
| standard | standard | standard | standard | option | option |

Dimension(mm): 425mm(W)x177mm(H)x355mm(D)
Weight: 7.5kg

Specifications

| Specification | TH8603-4 | | |
|-------------------------|---|---|---|
| Test Pin | 512 | | |
| Test Signal Source | AC | Frequency | 50Hz-100kHz, Accuracy 0.02% |
| | | Range | 0-1Vrms, Accuracy 10% |
| | DC | Voltage | 0-5V, Accuracy 10%± 1 Digit |
| | | Current | 1-15mA, Accuracy 10%±1 Digit |
| | Channel board open-off scan signal source | | 5Vdc |
| Capacitance Measurement | | | 1nF-1000μF, Accuracy: 10%±1 Digit |
| DCR | | | 10mΩ-1MΩ, Accuracy: 2%±1 Digit |
| Cond./Interval cond. | | | 0.1Ω-950Ω |
| Open and Short Circuit | | | 1kΩ-50kΩ, Accuracy: 10%±1 Digit |
| Diode Testing | | | 0-10V, Accuracy: 10%±1 Digit |
| DC withstand voltage | Voltage | 5V-1000V, Accuracy 5V-100V, 10%±1 Digit, 100V-1000V, 5%±1 Digit | |
| | Current | 1uA-1000uA, Accuracy: 10%±5 Digit | |
| AC withstand voltage | Voltage | 50V-750V, Accuracy 50V-100V, 10%±1 Digit, 100V-750V, 5%±1 Digit | |
| | Current | 0.01mA-5mA, Accuracy: 10%±5 Digit | |
| Insulation Resistance | Voltage | 5V-1000V, Accuracy: 10%±1 Digit | |
| | Resistance | 1MΩ-1GΩ, Accuracy: 10%±5 Digit | |
| Test Speed | | | Momentary Short Circuit: 20ms(512 Dots) |
| Basic Test Speed: 100ms | | | Basic Test Speed: 100ms |