

STH6603 Series Cable/Harness Tester

NEW

Features

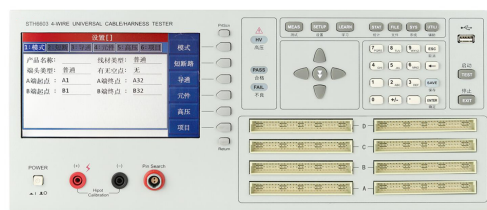
- 7-inch TFTLCD true color display, 800X480 resolution, 16-bit color.
- Internal storage space 3M
- Support U disk to store test files
- One-click screen capture function, pictures are automatically stored to U disk
- The program can be upgraded online via U disk
- Chinese and English optional operation 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
SBF0060D Probe
SBF0060B Transfer Fixture
SHF001-32 Test Cable



RS232	USB HOST	USB DEVICE	HANDLER	LAN	GPIB	RS485
standard	standard	standard	standard	standard	option	option

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

Specifications

Specification	STH6603-4		
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	1µA-1000µA, 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