

Key Product Recommendations

IV. TH6XX Series Modular Wire Harness and Cable Integrated Test System

NEW

Features

- 7-inch TFT LCD true color display, 800X480 resolution, 16-bit color
- Chinese and English operation interface
- Support 2-wire/4-wire test conversion, the test channel up to 5120 channels
- Conduction, short-circuit, instantaneous short-circuit, instantaneous disconnection, instantaneous conduction
- Soldering resistance test
- Single-side test, double-side test
- Break, short-circuit end edge judgment
- Point test, automatic point search function
- Withstand voltage test with arc detection function
- Sequential test function
- Test line contact check
- Support thermistor (NTC) measurement
- Separation of high and low voltage technology, its own insulation impedance up to > 100GΩ
- A variety of high-voltage test methods to choose from
- Test resistors, capacitors, diodes and other components, the use of voltage and current parallel sampling technology, sampling data faster
- Instrument self-test function, online troubleshooting instruments



RS232	USB HOST	USB DEVICE	HANDLER	LAN
standard	standard	standard	standard	standard

TH6XX Series

Dimension(mm):483mm(W)x396mm(H)x535mm(D)
Weight: Approx.35kg

Dimension(mm):483mm(W)x660mm(H)x535mm(D)
Weight: Approx.60kg

Application

■ Automotive Electronics:

Automotive Battery FPC, Integrated Female Welding Resistor CSS, Automotive PDU, ECU Connecting Wire, Automotive Wiring Harness, Navigation Connecting Wire, Navigation Screen Wire, In-vehicle Electronics Connecting Wire, Audio/Video Connecting Wire

■ Communication and IT:

Telephone cables, network connecting cables, multi-strand connecting cables, cell phone screen cables, TYPEC data cables, USB data cables, laptop screen cables, HDMI connecting cables, VGA connecting cables, IDE hard disk connecting cables, SATA hard disk connecting cables, etc.

■ Electronic industry:

Array cable, flat cable, connectors, power cords, multi-switches, RS232 cables, GPIB cables, USB extension cables, multi-core socket

■ Components:

Passive components: capacitors, inductors, resistors, diodes, capacitance polarity

■ Safety Test:

AC withstand voltage, DC withstand voltage, insulation resistance

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Specifications

Model				TH610-2560	TH610-5120	TH615-640	TH615-1280	TH630-320	TH630-640	
Total Scanning Channel		4-wire		1280	2560	640	1280	320	640	
		2-wire		2560	5120	-----	-----	-----	-----	
Maximum available modules				20	40	10	20	10	20	
Display				7-inch TFT LCD true color display, 800X480 resolution, 16-bit color						
Test Signal Source	AC Signal Source	frequency	range	50Hz - 100kHz						
			accuracy	0.02%						
		amplitude	range	1Vrms						
			accuracy	10%						
	Programmable DC Source	voltage	range	0.1V - 5V						
			source accuracy	2%（open circuit）						
		current	range	1-15mA			1-20mA, 100mA, 1A			
			source accuracy	2%						
	Programmable High Voltage Source	DC	range	50V - 1000V			50V - 1500V		50V - 3000V	
			accuracy	±（1% set value + 0.5% fullness）						
		AC	range	50Vrms-750Vrms			50Vrms-1000Vrms		50Vrms-2000Vrms	
			accuracy	±（1% set value + 0.5% fullness）						
test speed				Related to the test channel, refer to the manual for details						
Capacitance measurement			range	10pF-1000μF						
			accuracy	±（1% readout value+0.005% fullness）						
Resistance Test	range		10mΩ-1MΩ			1μΩ-1MΩ				
	accuracy	soldering				1μΩ-10mΩ ,range: 10mΩ, ±（0.5% readout value+0.05% range）				
		conduction	10mΩ-1kΩ	range: 1Ω, 10Ω, 100Ω, 1kΩ,		±（0.2% readout value+0.05% range）				
		DC	1kΩ-1MΩ	range: 10kΩ, 100kΩ, 1MΩ,		±（0.1% readout value+0.05% range）				
Short-circuit break test			range	1kΩ-50kΩ						
			accuracy	10%						
Diode Test			voltage	0-10V						
			accuracy	±（5% readout value+1% fullness）						
Insulation resistance			range	1MΩ-1000MΩ						
			accuracy	1MΩ-100MΩ		±(3% readout value+0.1% fullness)				
				100MΩ-1000MΩ		±(7% readout value+2% fullness)				
DC Leakage Current			range	1μA-5mA						
			accuracy	±（5% readout value + 0.04% fullness）						
AC leakage current			range	0.01mA-5mA						
			accuracy	±（10% readout value + 0.1% fullness）						
contact check				4-wire mode only						
HANDLER interface				8 channels of outputs, providing dozens of signal customization						
				8 channels of inputs, providing signals for starting, stopping, transferring files (up to 30 files), etc.						
Dimension（mm）（W×H×D）				483x396x535	483x660x535	483x396x535	483x660x535	483x396x535	483x660x535	
Weight				Approx.35kg	Approx.60kg	Approx.35kg	Approx.60kg	Approx.35kg	Approx.60kg	

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Order Information

Model		Parameter	Complementary Quantity
TH610-2560		Four-wire: 1280 channels, two-wire: 2560 channels, DC: 50V-1000V, AC:50Vrms-750Vrms	
	TH610-2560M	Host	1
	TH610-01	Scanner card (2-wire 128-channel / 4-wire 64-channel)	20
	TH610-02	Test lead set (2-wire 128-channel/ 4-wire 64-channel, 2 meters, length can be customized)	20
TH610-5120		4-wire: 2560 channels, 2-wire: 5120 channels, DC: 50V-1000V, AC: 50Vrms-750Vrms	
	TH610-5120M	Host	1
	TH610-01	Scanner card (2-wire 128-channel / 4-wire 64-channel)	40
	TH610-02	Test lead set (2-wire 128-channel/ 4-wire 64-channel, 2 meters, length can be customized)	40
TH615-640		4-wire: 640 channels, DC: 50V-1500V, AC: 50Vrms-1000Vrms	
	TH615-640M	Host	1
	TH615-01	Scanner card (64 channels)	10
	TH615-02	Test lead kits (64 channels, 2 meters, lengths can be customized)	10
TH615-1280		4-wire: 1280 channels, DC: 50V-1500V, AC: 50Vrms-1000Vrms	
	TH615-1280M	Host	1
	TH615-01	Scanner card (64 channels)	20
	TH615-02	Test lead kits (64 channels, 2 meters, lengths can be customized)	20
TH630-320		4-wire: 320 channels, DC: 50V-3000V, AC: 50Vrms-2000Vrms	
	TH630-320M	Host	1
	TH630-01	Scanner card (32 channels)	10
	TH630-02	Test lead kits (32 channels, 2 meters, lengths can be customized)	10
TH630-640		4-wire: 640 channels, DC: 50V-3000V, AC: 50Vrms-2000Vrms	
	TH630-640M	Host	1
	TH630-01	Scanner card (32 channels)	20
	TH630-02	Test lead kits (32 channels, 2 meters, lengths can be customized)	20