NEW product

AT68208

MULTI CHANNEL INSULATION RESISTANCE METER

CHINESE/ENGLISH OPERATION

294 (W) * 130 (H) * 316 (D)
UNIT: mm

Weight: 5kg

8/16 CHS Four Options

- **5-inch true color LCD touch screen**
- **Use 4 range test**
- **Multi-channel can be measured in any channel**
- **Data inserted into U disk is automatically saved at regular intervals**



Power Supply 110VAC-240VAC 50Hz Power: max 20VA

The AT6820x multi-channel insulation resistance tester is a micro desktop instrument controlled by a high-performance ARM microprocessor for fully automatic real-time detection.

The instrument is equipped with a 1V~1000V voltage source with a 1V resolution, which can be programmed and output at will; The instrument has an insulation resistance accuracy of 2% and a measurement range of up to 19.99GΩ. With a reading of 9999, the measurement speed can reach 30 t/s.The instrument can store 10 sets of settings internally, and an external USB disk can also store 10 sets of settings, making it convenient to call different specifications.

The instrument is equipped with a built-in comparator, and the results of the comparator can be output through the Handler interface. The instrument comes standard with USB-232 interface, RS-232 interface, and RS-485 interface. It uses SCPI (Standard Command for Programmable Instrument) and Modbus RTU protocol to communicate with computers, PLCs, or WINCE devices, efficiently completing remote control and data collection functions.

MODEL	AT68208	AT68216
	8chs	16chs
Parameters	0.000M ~ 19.99GΩ	
Accuracy	2%	
Speed	<Single channel measurement> ■ Auto Range: Slow :2 t/s Medium :13 t/s Fast :18 t/s ■ Manual range: Slow :2 .2 t/s Medium:18 t/s Fast :29 t/s <scanning measurement> Channel delay: 10ms ■ Auto Range: Slow :0.32s/ CHS Medium :0.17s/ CHS Fast :80ms/ CHS ■ Manual range: Slow :0.3s/ CHS Medium :0.13s/ CHS Fast :53ms/ CHS	
Range	Auto, Manual, and Nominal range	
List Sweep	Number	5 groups
	Discharge time	Unified settings: 10ms~10s
	charging time	Independent setting: 100ms~99s
	Test time	Independent setting: 100ms~99s
	Comparer	Independent setting: 0~19.99GΩ
Short circuit detection	Testing method	Off/Auto/Preset Time
	Preset time	10ms~1.00s
	auto detection	Fast: Max 100ms Medium: Max 250ms Slow: Max 500ms
	Short circuit output voltage	≈3V
	Action	Short circuit within the set time: End measurement No short circuit within the set time: entering the normal measurement cycle
Comparator	Set Range	0~10GΩ
	Comparison results	OK: Qualified NG LO: Down Super NG HI: Upper Super
	Beep	OK/NG/OFF
	Volume	Weak/Strong
	Action	Short circuit within the set time: End measurement ; No short circuit within the set time: entering the normal measurement cycle
Trigger	Internal, Manual , External and Remote	
File storage	Parameters are automatically or manually saved to memory, with 10 files in internal memory and 10 files in USB file	
USB Storage	Scheduled save or trigger save to USB disk, 20 files	
Interface	Handler, RS232, USB, RS485	
Protocol	SCPI/ModBus(RTU)	
Accessories	ATL 507HC(1 per channel) ATL108 RS232 communication cable;	