NEW product

AT68208
MULTI CHANNEL INSULATION RESISTANCE METER

CHINESE/ENGLISH OPERATION
294 (W) * 130 (H) * 316 (D)
UNIT: mm
Weight: **5kg**

8/16/24/32 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: maximum 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	AT68224	AT68232
		8ch	16ch	24ch	32ch
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		Automatic, manual, and nominal range			
List Sweep	Number	5 group			
	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;			