NEW product

ATQ 4901/4900

MULTI CHANNEL TEMPERATURE METER

CHINESE/ENGLISH OPERATION

485 (W) * 129 (H) * 371 (D)
UNIT: mm

Weight: 5kg

SPECIALLY DESIGNED FOR LARGE-SCALE MULTI-POINT TEMPERATURE MEASUREMENT SCENARIOS

Smart Touch

- Touch the full mirror panel
- Super strong anti-interference ability
- Supports a maximum of 200 channels
- Built in 64G memory



Power Supply 100VAC~240VAC 47.5Hz~52.5Hz Power: maximum 10VA

The newly upgraded ATQ4901 series multi-channel temperature tester is controlled by a high-performance ARM9 microprocessor; Real time high-speed data collection. The instrument adopts a touch full mirror panel, with full touch and auxiliary function keys for operation. It uses the ONMEAS 9th version ATOS operating system, supports both Chinese and English interfaces, and is intuitive to operate, easier to use, and more intelligent.The newly designed ATQ4901 series multi-channel temperature tester breaks through the sampling rate limit and, combined with efficient and high-precision analog circuits, achieves high-precision and ultra high speed sampling. The temperature resolution for testing has been increased to 0.01 ° C. The instrument channel isolation voltage is 350VDC and 230VAC (fully isolated digital and analog signals), suitable for new energy, power electronics, home appliances/electronics, laboratory/quality inspection, and industrial production lines.

MODEL	ATQ4901	ATQ4900
Sensor	Thermocouples J/K/T/E/S/N/B/R type;Added support for PT100; PT1000	Thermocouples J/K/T/E/S/N/B/R type; Voltage; Low resistance; electric current;
Channels	**20 to 200 channels** (20 channels per module), with modules selected according to channel requirements, up to a maximum of **10 modules**	Temperature, voltage, low resistance: 100 channels (10 channels per module); Current: 50 channels (5 channels per module); Modules can be selected as needed, up to a maximum of 10 modules
Accuracy	± 0.2% (excluding thermocouples)	
Test scope	-200℃ ~1800℃ (The testing range varies depending on the sensor)	Temperature: -200 ℃ ~1800 ℃ ; Low resistance: 1 μ Ω~200k Ω; current: 0~5A (minimum resolution 0.001mA); Voltage: 100.00V 0.05%; 10.000V 0.05%； 1.0000V 0.05% ； 100.00mV 0.1%；
Resolution	**0.01℃**	
Display number	Main parameter 5-digit	
Speed	Fast 500 ms, Slow 1 s	Temperature, voltage, and current: fast: 500 ms, slow:1 s; Low resistance: 60ms/channel (manual range)
Test terminal voltage	The isolation voltage between channels is **350V DC and 230V AC**	
Comparator	Alarm for exceeding the upper limit and exceeding the lower limit; Each channel is individually set with upper and lower super values	
Cold end compensation	Accuracy of 0.5 ℃	
Beep	ON/OFF	
Interface	LAN interface, TYPE-C communication interface, 232 interface, USB interface, and RS485 interface can also be optionally selected	
Others	Full touch mirror panel; Broken pair detection function; Display of numerical values, temperature bar charts, and temperature curve graphs; Upper limit value, lower limit value, average value display; Standard 64GB ultra large memory;	
Accessories	Each thermocouple is 2 meters long (thermocouples corresponding to the number of channels are provided with the equipment)	
	TYPE-C communication cable; Data acquisition software;	