AT 5130 MULTI-CHANNEL RESISTANCE METER
5104 / 5108 / 5110 / 5120

CHINESE/ENGLISH OPERATION
264 (W) * 107 (H) * 350 (D)
UNIT: mm
Weight: 4kg

Measuring range
1μΩ~300kΩ

- High speed scan measurement
- Multi-channel display simultaneously
- 3.5 inch LCD display



Power Supply 198V-240VAC 50Hz
Power: maximum 20VA

Standard temperature compensation function

The AT51XX multi-channel resistance meter is a micro desktop instrument controlled by a high-performance ARM microprocessor, which is fully automatic and real-time detection.

The instrument can simultaneously measure 30 channels (AT5108: 8 channels, AT5110: 10 channels) and display them on the screen. Each channel has an accuracy of 0.05% and a measurement range of 1μΩ to 300kΩ. The resistance value of each channel is displayed in 5 digits, with a reading of 30000.

The instrument can perform mixed testing on 30 channels of different resistance values, with each channel having an independent comparator setting, and the results of the 30 channel comparator are output through the Handler interface. The instrument comes standard with RS-232 interface, Handler interface, and temperature compensation interface.

MODEL	AT5104	AT5108	AT5110	AT5120	AT5130
Channel	4 channels (scanning)	8 channels (scanning)	10 channels (scanning)	20 channels (scanning)	30 channels (scanning)
Parameter	DC resistance				
Measurement Range	1μΩ ~ 300kΩ				
Accuracy	0.05%				
Range	Auto，manual，nominal				
Speed	30ms/channel（manual）				
Display results	4 channels show	8 channels show	10 channels show	20 channels show	30 channels show
Calibration	Short circuit zero correction for all range				
Max reading	Slow/Medium：30000 Fast/high-speed：3000				
Speed	3.4s/10 channel；830ms/10 channel；350ms/10 channel；230ms/10 channel				
Trigger	Internal、Manual、Level、External、Remote				
Beep	OFF,OK,NG				
Interface	RS-232C （SCPI）；USB、HANDLER(PLC)；Temperature compensation interface				
Test lead	4 terminal shield for each channel（2 check & 2 driving terminal）and external shielding ground section				
Comparator	Each channel can be set and output independently; absolute tolerance value±TOL; percent tolerance value %TOL; direct reading value comparison				
Others	Resistance upper & lower limit set; temperature compensation function; keyboard lock				
Accessories	ATL503 Kelvin clip				