

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
1 $\mu\Omega$ ~300k Ω

Standard temperature compensation function

The AT51XX multi-channel resistance tester 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 1 $\mu\Omega$ to 300k Ω . 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

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



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

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	1 $\mu\Omega$ ~ 300k Ω				
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	low and medium: 30000 Fast and 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				