HangZhou Qiansineng Technology Co.,Ltd.

Four-Probe Measurement Instrument Comparison and Selection Guide

Differences_of_SZT-2A_2B_2C

Feature / Model	SZT-2A	SZT-2B	SZT-2C
Resistivity Range	10^-4 ~ 10^5 Ω-cm	10^-4 ~ 10^6 Ω-cm	10^-5 ~ 10^5 Ω-cm
Square Resistance Range	10^-4 ~ 10^5 Ω/□	10^-4 ~ 10^6 Ω/□	10^-4 ~ 10^6 Ω/□
Resistance Range	10^-4 ~ 10^5 Ω	10^-4 ~ 10^6 Ω	10^-5 ~ 10^5 Ω
Current Output Range	DC 0~100mA continuously adj.	DC 0~100mA continuously adj.	DC current 0~100mA, with continuous adjustable digital settings for each range. Voltage meter range and display format: 000.00 - 199.99 mV.
Current Range	10, 100μA, 1, 10, 100mA	1, 10, 100μA, 1, 10, 100mA	10, 100μA, 1, 10, 100mA
Error Range	± 0.5% reading ± 1 digit	± 0.5% reading ± 1 digit	±0.5% of reading ±1 digit
Measurable Material Diameter	5mm-200mm	5mm-250mm	5mm-250mm
Measurable Material Length	≤400mm	Any length (manual probe)	Any length (manual probe)
Probe Spacing	1mm	1mm	1mm±0.01mm
Probe Material	Tungsten carbide or alley round probe	Tungsten carbide or alloy round probe	Tungsten carbide or alloy round probe
Probe Mechanical Wander Rate	±1.0%	±1.0%	≤0.3%
Measurement Method	Axial, cross-sectional		
Display	4 1/2, digital display, polarity, overload auto-show, Automatic display of decimal points and units		
Power supply	220±10% 50Hz or 60Hz Power consumption:< 35W		

Please inform us of your testing materials. Our technical staff will recommend the most suitable probe for your company based on the materials. For example, choose a round-head alloy probe for thin films and a sharp-pointed probe for semiconductor silicon materials. If you have any other unique materials to test, please don't hesitate to contact us by email at sztcdz@vip.163.com. Our technical staff will be dedicated to providing you with the most professional services and advice.

https://www.testleadsworld.com

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