

Handheld Battery Meter

AT528 AT528L

R:0.1m Ω ~ 3.2k Ω V:1mV ~ 50V
Parameters:AC resistance,DC Voltage
Build-in Mini-USB

安柏仪器



2011 NEW!

AT528 series handler battery meter adopt high-performance 32dgt ARM micro processor ,can used to test voltage and internal resistance of battery, compatible with HIOKI 3554. Test the resistance 1m Ω - 3.2k Ω , 1 mV - 50V DC voltage with the resistance max reading of 3200dgt and voltage 5000dgt. Accuracy of 0.5% even the speed is under 15 times/second

AT528 can test open-circuit voltage accurately, applied to automatic sorting system. Equipped with USB interface, can be used for remote control and data acquisition and analysis

SPECIFICATIONS

	AT528 Handheld Battery Meter	AT528L Handheld Battery Meter
Parameters	AC resistance, DC voltage	
Accuracy	R: 0.5% $\pm$ 5dgt V: 0.5% $\pm$ 5dgt	R: 0.8% $\pm$ 5dgt V: 0.5% $\pm$ 5dgt
Measurement Range	R: 1m Ω - 3.2k Ω V: 1 mV - 50V	R: 1m Ω - 32 Ω V: 1 mV - 30V
Signal Source	AC: 1kHz Open-circuit Voltage: < 30mv	Current: < 15mA
Range	Automatic, Manual, Nominal. 10 ranges	Automatic, Manual, Nominal, 6 ranges
Speed	30 times/second, 15 times/second, 3 times/second	3 times/second
Result Display	ABS/PER/SEQ	
Display Max	Resistance: 3200 Voltage: 5000	
Max Resolution	Resistance: 100 $\mu\Omega$ Voltage: 1mV	Resistance: 1m Ω Voltage: 1mV
Adjustment	Short-circuit reset for each range	
Comparator	Voltage compare separately, resistance compare separately, voltage and resistance combination compare GD/NG sorting result display, beep	
Trigger	Internal, Manual, Remote	
Test Terminal	4 terminal shielding (2 check terminal and 2 driving terminal) and external shielding ground section	
Interface	Build-in Mini-USB (virtual serial port); Charging Interface; U disc Interface	
Others	TFT-LCD display; Auto power-off; Keypad lock; Data hold function; Adjustable Background light; Compatible SCPI Order Set; Switch in both Chinese and English	

GENERAL FEATURES

Power Supply (ATL909)	Input: 100-240V~50/60Hz 0.35A Output: 9V 1A DC
Battery Parameters	8.4v, Li, 2200mAh rechargeable battery
Charging Time	Single continued charging time: max 300 Mins
Working Time	$\geq$ 8 hours
Size	130.23mm (Width)*210.76mm (Height)*37.88mm (Depth) 650g

ORDERING INFORMATION

Accessories	ATL501B 4-terminal Kelvin test clip; ATL909: DC adaptor; ATL202 portable bag; ATL804 Li-battery *ATL105Mini-USB communication cable *ATL501C 4-terminal test probe *ATS528 data acquisition software Note: mark * means optional accessories for ATS528L
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