

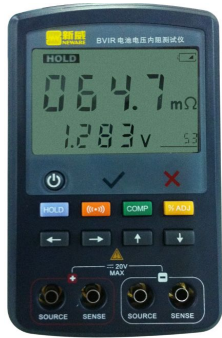
Technical Specification

2014-12-03

CR-5V-2000mΩ Battery Internal Resistance Tester			
Model:	CR-5V-	2000mΩ	Material Code: CR-5V-2000mΩ
Description		Product Specification	
Measuring Method		Four-terminal Connecting	
Voltage	Measuring Range	0V~5V	
	Accuracy	± (0.1% of FS + 1 of reading)	
Resistance	Measuring Range	Automatic Shift : 0~200mΩ or 200~2000mΩ	
	Accuracy	0mΩ ~200mΩ	± (0.5% of FS + 0.2% of reading)
		200mΩ~2000mΩ	± (0.5% of FS + 0.2% of reading)
A/D Mode		SAR 12-bit successive comparison method	
Rate	Measuring Rate	1kHz	
	Sampling rate	100 times/S	
Refresh Rate		5 times/S	
Measuring Current		Max AC 20mA	
Comparator	Switch Mode	Manual Switch on/off	
	Number of Comparators	Fourteen sets of voltage upper/lower limit and inter-resistance upper/lower limit	
	Warning Alarm	open or shutdown buzzer	
		Buzer will drone if the test data is abnormal	
Data Storage		100, 000 sets of test data can be locally enquired or be uploaded to PC	
View Data		User can view and edit saved data	
Calibration	Zero-point calibration	Simultaneous zero-scale calibration for voltage and internal resistance	
	Voltage Calibration	Using external DC 1V~5V (user-defined) voltage reference	
	AC inter-resistance Calibration	Using 10~200mΩ (user-defined) precision resistor to calibrate the internal resistance	
External Control Terminal		Automated shifting output; USB communication function	
Preheating		3min above	
Operating Environment			
Description		Product Specification	
Operating Temperature		10°C~40°C	
Storage Temperature		-10°C~50°C	
Operating Humidity		≤70% RH	
Storage Humidity		≤80% RH	
Using places		Portable	
Description		Product Specification	
Accessories	Polymer fixture or table pen		
	Charger (5V/1A)		
	Stabdard Resistor (100mΩ)		
	USB Cable		

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Dimensions	W*D*H: 120*75*25 (mm)
Weight	About 200g
Equipment Picture	
	Picture for reference, please confirm the actual product