


CR-20V-2000mΩ Battery Internal Resistance Tester			
Model:	CR-20V-2000mΩ		Material Code: CR-20V-2000mΩ
Description		Product Specification	
Measuring Method		Four-terminal Connecting	
Voltage	Measuring Range	0V~20V	
	Accuracy	± (0.1% of FS + 1 of reading)	
Resistance	Measuring Range	Automatic Shift : 0~200mΩ or 200~2000mΩ	
	Accuracy	0mΩ ~200mΩ	± (1% of FS)
		200mΩ~2000mΩ	± (3% of FS)
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	Ten sets of voltage upper/lower limit and inter-resistance upper/lower limit	
	Warning Alarm	open or shutdown buzzer Buzzer will drone if the test data is abnormal Green Indicator Light: Pass; Red Indicator Light: Fail;	
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 3V~20V (user-defined) voltage reference	
	AC inter-resistance Calibration	Using 10~200mΩ (user-defined) precision resistor to calibrate the internal resistance	
External Control Terminal		Computer-based automated testing; USB communication function (optional)	
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
Dimensions	W*D*H: 120*75*25 (mm)
Weight	About 200g
Equipment Picture	
	Picture for reference, please confirm the actual product