

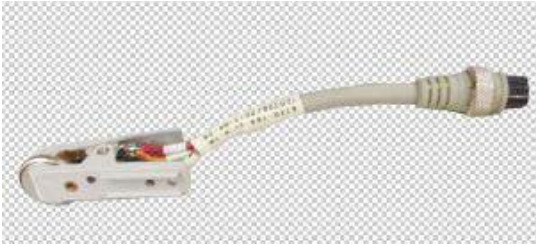

新威 Manufacturer of Battery Testing Equipment
NEWARE Technology Specification

BTS-5V50mA Battery Testing System		
Model:BTS-5V50mA		Material Code:CT-4008T-5V50mA-164
Description		Product Specification
AC Input		AC 220V±10% 50Hz
Power		25W
Resolution		AD: 16bit; DA: 16bit
Input Impedance		≥1GΩ
Voltage	Measuring Range	Charge: 25mV~5V Discharge: 25mV~5V
	Discharge Min Voltage	0V
	Accuracy	± 0.05% of FS
	Stability	± 0.05% of FS
Current	Range	Range1: 5μA~1mA; Range2: 1mA~25mA; Range3: 25mA~50mA
	Accuracy	± 0.05% of FS
	Stability	± 0.05% of FS
Power	Output Power Per Channel	0.25W
	Stability	± 0.1% of FS
Time	Rise Time	500us (10%FS~90%FS)
	Step Time	≤ (365*24) hour/step Time Format 00: 00: 00: 000 (h:min:s:ms)
Data Acquisition	Intervals	Time interval Δt: 100ms
		Voltage interval ΔU: 10mV
		Current interval ΔI: Range1: 2μA Range2: 50μA Range3: 100μA
Frequency	10Hz	
Charge	Mode of Operation	CCC, CVC, CC & CVC, CPC
	End Conditions	Voltage, Current, Test Time, Capacity
Discharge	Mode of Operation	CCD, CPD, CRD
	End Conditions	Voltage, Current, Test Time, Capacity
Pulse mode	Charge	CR mode、CP mode

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	Discharge	CC mode、CP mode
	Min pulse width	500ms
	Automated Switch	Automated switch from charge to discharge for each pulse
	End Condition	Voltage、Relative Time
DCIR	Support for the calculation of the point of the DCIR	
Cycle	Cycles	65535
	Steps	254
	Nested Function	Max three levels of loops
Protective Function	Software	<ul style="list-style-type: none"> • Power-off data protection
		<ul style="list-style-type: none"> • Off-line Operating
		<ul style="list-style-type: none"> • User-defined safety(upper and lower)tolerance of current, voltage and delay time
Channel Features		Independent pairs of closed loop for constant current source and constant voltage source
Channels		Independent control
Detection and Sampling		4-wire Connecting
Noise Density		<85dB
Data Management		MYSQL Database
Communication Means		TCP/IP Protocol
Export Formats		EXCEL2003/2010, TXT, Graph
Communication Interface		Ethernet Port
Number of Channels Per Cabinet		8
Operating Environment		
Description		Product Specification
Operating Temperature		0℃~40℃
Storage Temperature		-10℃~50℃
Operating Humidity		≤70% RH
Storage Humidity		≤80% RH
Description		Product Specification
Battery Holder		Universal Holder

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Holder Picture	
	coin cell clamp
	Picture for reference, please confirm the actual product
Dimensions (W*D*H) (mm)	1U (19) , 480*330*45
Equipment Picture	
	Picture for reference, please confirm the actual product