

新威 Manufacturer of Battery Testing Equipment
NEWARE Technology Specification

BTS-5V10mA Battery Testing System				
Model:	BTS-	5V10mA	Material Code:	CT-4008 -5V10mA
Description			Product Specification	
AC Input			AC 220V±10% 50Hz	
Power			25	W
Resolution			AD: 16bit; DA: 16bit	
Input Impedance			≥10GΩ	
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		0.05mA~10mA	
	Accuracy		± 0.05% of FS	
	Stability		± 0.05% of FS	
Power	Output Power Per Channel		0.05W	
	Stability		± 0.1% of FS	
Time	Rise Time		1ms (0~Full Range)	
	Step Time		≤ (365*24) hour/step Time Format 00: 00: 00: 000 (h:min:s:ms)	
Data Acquisition	Intervals		Time interval Δt: (100ms~60000s)	
			Voltage interval ΔU: (10mV~5V)	
			Current interval ΔI: (0.02mA~10mA)	
	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	
	Discharge		CC mode、CP mode	
	Min pulse width		500ms	

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	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	● Power-off data protection
		● Off-line Operating
		● 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
Holder Picture		

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	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