

High Precision Battery Testing Machine



BTS series high-precision battery testing machine system Scope:comprehensive performance testing for lithium polymer, lithium ion, nickel metal hydride, nickel cadmium, lead-acid battery of ; battery materials research; small quantities of cell production and capacity into sorting; combination of battery, laptop battery testing.

- Brand:TOB NEW ENERGY
- Item No.:TOB-BTS-5V2A
- Order(Moq):1set
- Payment:L/C,T/T,Western Union
- Product Origin:China
- Shipping Port:XIAMEN
- Lead Time:7days

Product Detail

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SPECIFICATIONS

1. **BTS series high-precision battery testing machine system Scope:**comprehensive performance testing for lithium polymer, lithium ion, nickel metal hydride, nickel cadmium, lead-acid battery of ; battery materials research; small quantities of cell production and capacity into sorting; combination of battery, laptop battery testing.
- 2.**System hardware is stable and reliable, each channel has an independent constant-current and constant voltage source hardware.**
3. **Hight speed data acquisition , accurately capture the details of the changes of voltage and current, with log function. powerful data and curve processing, report function. Data and curve can be exported to Excel, Word, data and curves can be edited.**
- 4.**Full range of clamp can be adapted to test for different specifications batteries, button batteries, battery combination.**
- 5.**Complete model: design and manufacture various types of equipment according to customer, current within 1mA ~ 1000A, voltage within 2V ~ 500V ,also can increase the negative voltage.**
- 6.**Can be used offline, can be measured temperature and resistance, and the laptop battery Smbus function. (This refers to models with resistance and temperature)**
- 7.**Supplied voltage current accuracy calibration software, you can change the box and variable range.**
- 8.**Optional serial port, network and USB link. PC software using Client / Server mode, remote control, a server can be linked up to 250 clients (including remote customer). Efficient and reliable use Tcp / Ip protocol, easy expansion, you can use the existing office network and computer equipment operation and cost savings.**

Technical Specifications - Single module Unit (Type BTS-3008)

Input Power	220 V \pm10% / 50 Hz
Current output range	\pm2200mA
Voltage measuring range	5V
Input impedance	\geq10MΩ
Power	100W
Current measurement accuracy	\pm (0.2% of reading + 0.1% of range)
Voltage Measurement Accuracy	\pm (0.1% of reading + 0.05% of range)
Current / voltage / time resolution	0.1mA /0.1mV/s
Cyclic measurement range	1-9999times
Data recording condition	timeΔt (1 ~900s) ; VoltageΔV (5-5000mV) ; Current ΔI (1.5-2200mA)
Connector	RJ45 network
The number of channels per Unit	8 point
Volume	197D x 245W x 60H (unit : mm)
Weight	about 10kg



Unit appearance



Pouch cell testing clamps



Cylinder cell testing clamps