

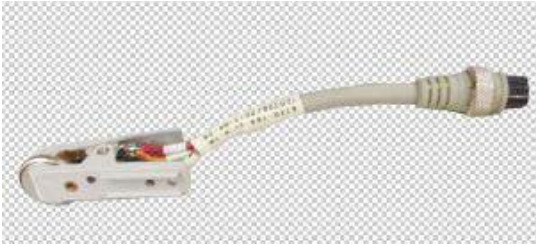



| <b>BTS-5V20mA Battery Testing System</b> |                          |  |
|--|--------------------------|--|
| Model:BTS-5V20mA                         |                          | Material Code:CT-4008T-5V20mA-164                                |
| Description                              |                          | Product Specification  |
| AC Input                                 |                          | AC 220V±10% 50Hz   |
| Power                                    |                          | 25W  |
| Resolution                               |                          | AD: 16bit; DA: 16bit   |
| Input Impedance                          |                          | ≥1GΩ   |
| Voltage                                  | Measuring Range          | Charge: 25mV~5V<br>Discharge: 25mV~5V                            |
|  | Discharge Min Voltage    | 0V   |
|  | Accuracy                 | ± 0.05% of FS  |
|  | Stability                | ± 0.05% of FS  |
| Current                                  | Range                    | Range1: 0.5μA~1mA;<br>Range2: 1mA~10mA;<br>Range3: 10mA~20mA     |
|  | Accuracy                 | ± 0.05% of FS  |
|  | Stability                | ± 0.05% of FS  |
| Power                                    | Output Power Per Channel | 0.1W   |
|  | 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<br>Range2: 20μA<br>Range3: 40μA |
| 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"> <li>● Power-off data protection</li> <li>● Off-line Operating</li> <li>● User-defined safety(upper and lower)tolerance of current, voltage and delay time</li> </ul> |
|                                |  |   |
|                                |  |   |
| 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  |   |
| <b>Operating Environment</b>   |  |   |
| 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                           |