

Technical specifications for battery tester

- No of channels 8 with maximum voltage 5 V and maximum current 10 mA.
- No of testers : 2 units
- AC Input: AC 220V \pm 10%, 50Hz
Power: 25 W
- Voltage Measuring Range :
Charge : 25mV~5V
Discharge: 0mV~5V
Discharge Min Voltage : 0 mV
Accuracy : \pm 0.05% of FS
Stability : \pm 0.05% of FS
- Current Range :
Number of range : Two
Current Output Range : 0.005mA~1mA
1mA – 10 mA
Accuracy : \pm 0.05% of FS
Stability : \pm 0.05% of FS
- Data Acquisition :
Minimum Time interval Δt : 100 ms
Minimum Voltage interval ΔU : 10 mV
Minimum Current interval ΔI : 0.02 mA
Frequency : 10Hz
- Charge modes :
Mode of Operation : CCC, CVC, CC & CVC,
CPC
End Conditions : Voltage, Current, Test Time,
Capacity, $-\Delta V$
- Discharge modes :
Mode of Operation : CCD, CPD, CRD
End Conditions : Voltage, Current, Test Time,
Capacity
- Cycle :
Cycles : 99999
Steps : 254
Nested Function : Max three levels of loop
- 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
Number of Channels Per Cabinet : 8
Detection and Sampling : 4-wire Connecting
Noise Density : < 85 dB
Data Management : MYSQL Database

Communication Means : TCP/IP Protocol

The software should be compatible with Windows 7 / 10

Export Formats : EXCEL 2010, TXT

Communication Interface : Ethernet

Operating Temperature : 0°C ~ 40°C

Storage Temperature : -10°C ~ 50°C

Operating Humidity : ≤70% RH

- Accessories
 - Battery connector for the coin cells
 - A suitable rack for the battery tester where at least 4 testers can be kept along with the samples.
- Warranty- 3 Years
- At least should have 10 installations