

Cultivating a **greener** future for the Battery Industry

Located in Taiwan, Chen Tech offers premium battery testing equipment to more than **300** worldwide customers in the past **30** years.



Material



Wearable Device



Mobile



Laptop



E-Bike



EV



E-Bus



UPS/ESS

Li-ion Battery Testing

Responsive Multi-range Battery Test Equipment **BT 1000 Series**



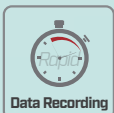
High Accuracy



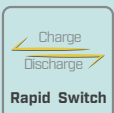
Drive SL



Discharge



Data Recording



Rapid Switch



BMS Control

- Automatically switch among 4 customized current ranges, maintaining high accuracy throughout whole research cycle
- $\pm 0.02\%$ F.S. high accuracy, up to 1ms data recording
- Support unlimited pulse charge/ discharge steps, with minimum pulse spacing 10ms
- Built-in a variety of DCIR, pulse, drive simulation and other international testing standards
- BMS data collector, auxiliary voltage, auxiliary temperature, chamber and other external modules integration

New Generation Battery Test Equipment **MCL2 Series**



High Accuracy



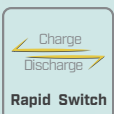
Drive SL



Discharge



Data Recording



Rapid Switch



BMS Control

- Up to 100V/ 500A charging/ discharging spec
- $\pm 0.02\%$ F.S. high accuracy, up to 1ms data recording
- Built-in a variety of DCIR, pulse, drive simulation and other international testing standards
- BMS data collector, auxiliary voltage, auxiliary temperature, chamber and other external modules integration

Consumer Electronics and Wearable Device Battery Testing System **MCF Lite Series**



Output



Multiple Current Range

- 2V/5V/7V; 50mA/300mA/500mA/3A
- $\pm 0.06\%$ accuracy for current output; $\pm 0.075\%$ accuracy for voltage output
- Supports two current range settings to enhance flexibility and improve precision
- Current settings as low as 50 μ A, meeting the requirements for tiny battery testing

Eco Series: Battery Cell Production System **MCE A Series**

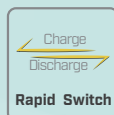


Energy Recycle

- Up to 60V/500A charging/ discharging spec; 0.1% F.S. Accuracy; 100ms data recording
- Significantly reduce battery production cost with high efficiency energy recycling
- Automated production system integration

Worldwide
Battery Testing Expert

Eco Series: Power Battery Pack Testing Equipment PBT 1000 Series



- Up to 1,000V; up to $\pm 1,000A$; up to 500kw
- $\pm 0.1\%$ accuracy; 100ms data recording
- Current response time (10% \rightarrow 90%) and charge/discharge switching time is lower than 2ms
- Supports the international EV testing standards such as FUDS and DST, and allows importing of user-defined driving scenarios

Lead-acid Battery Testing

Lead-acid Battery Testing System MCT-18B/18M Series



- Up to 18V; up to +40/-120A
- $\pm 0.1\%$ accuracy
- Constant Current (CC), Constant Current-Constant Voltage (CC-CV), Constant Power (CP), Dynamic Constant Current Discharging (DPC), Dynamic Constant Power Discharge (DPP) and other charging/discharging modes
- Supports nested loops test program, with each level of loop up to 65,535 cycles

Eco Series: Lead-acid Battery Formation System MCE S Series



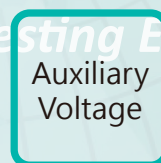
- 100~300V; up to +10A/-14A
- $\pm 0.5\%$ accuracy
- Supports DC-DC and DC-AC energy recovery, with an efficiency up to 97%
- When the system is at full load, power factor > 99%
- System load of more than 30%, the total harmonic distortion (THD) < 3%

Lead-acid Battery Formation Equipment MCIF Series



- Up to 800V; up to $\pm 800A$
- $\pm 0.5\%$ accuracy; 1s data recording time
- Dual operating modes of PC-based centralized control and panel-based stand-alone control.
- During the formation process, the data can be recorded in real-time and reports can be automatically generated.

Accessory



www.chentech.com.tw/eindex

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