

Accessories

Suitable for batteries of different types and sizes, to meet the performance testing and research needs of Battery Manufacturers, Universities, and Research Institutes.

01

Four-Wire Coaxial Probe
P103-12-TZ-LK-TDU-30A-Z-001
P103-12-TZ-LK-TDU-30A-F-001

02

Testing Probe
A708-4B-J-20A
A708-4T-J-20A

03

Crocodile Clamp
A707-BU-27C

04

Crocodile Clamp
A707-A29-200A

05

Coin Cell Clamp
A705-P5-45B

06

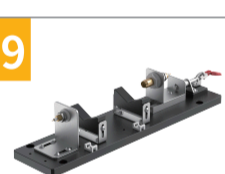
PCB Coin Cell Clamp
B01-DC-ZJB-mA-1.0

07

PCB Temperature Chamber Coin Cell Clamp
B01-WX-VIBF-1.4

08

Coin Cell Toggle Clamp
PPJ-19"-TP-KS-mA-8CH-KS

09

Cylindrical Cell Toggle Clamp
PCJ-YZJ-Y-3260-100A-WX

10

46 Series Cylindrical Cell Clamp
PTF-Y-ZJ-60A-1CH-L

11

Cylindrical Cell Clamp Holder
PPJ-19"-JMB-Y-60A-8CH-6U

12

Temperature Chamber Cylindrical Cell Clamp Holder
PPJ-19"-HWX-JMB-XNA

13

Blade Battery Clamp
PCJ-F2-ZJ-500A-CH-L-1M

14

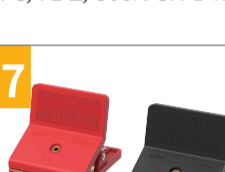
Prismatic Cell Clamp
PTF-F-ZJ-120A-1CH-LWX

15

Prismatic Cell Toggle Clamp
PCJ-YZJ-F-WX

16

Prismatic Cell Clamp Holder
PPJ-19"-JMB-F-1-300A-2CH-KS

17

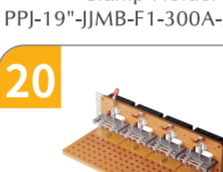
Polymer Clamp
A705-P7-20A

18

Three-Electrode Polymer Clamp
A705-3P-DG-20-700

19

Pouch Cell Toggle Clamp
A705-T-P-HWX 200A/500A

20

Pouch Cell Clamp Holder
PTF-R-TJ-12A-4CH

21

Heat Press Sensor Fixture
PJ-RY-20A

22

Pressure Plate Fixture
PCJ-YTH-R-S-STF

23

Spring Pressure Plate Fixture
PCJ-YTH-R-F-D-190

24

Display Pressure Fixture
PCJ-YCG-R-F-D-60

*Customizable based on current, battery size, and other requirements.

Battery Racks

Used in conjunction with NEWARE testing equipment for batch charging / discharging tests of various types of batteries.

01

PDCJ-R-P1-100A-32CH-D180

02

PDCJ-R-P1-30A-32CH-D1

03

PDCJ-R1-P1-12A-64CH-F150

04

PPJ-19"-TP-R2-6A-8CH-ATL

01

PDCJ-F1-ZJ-100A-32CH-S8

02

PDCJ-F1-LS-500A-8CH-D1

03

PDCJ-F1-ZJ-60A-8CH-S1

04

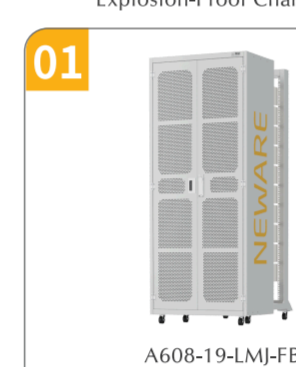
PDCJ-F1-ZJ-120A-12CH-D1

01

PDCJ-Y1-TJ-50A-32CH-D1

02

PDCJ-Y1-TJ-12A-80CH-D1

01

A608-19-LMJ-FBW

02

A608-3000W-FBW-A

*Customizable based on current, battery size, and other requirements.

NEWARE
Since 1998

Turnkey Solution
for Battery Testing

Constant Temperature Chamber

High Temperature Test Chamber

High and Low Temperature Test Chamber

Explosion-Proof Chamber

Coin Cell All-in-One Testing System

Dual-Temperature Zones All-in-One Testing System

4 Temperature Zones All-in-One Testing System

Mini All-in-One Testing System

3C All-in-One Testing System

Power Cell All-in-One Testing System

CT-4000(mA)
CT-8000(mA)

CT/CE-4000(3C)
CT/CE-8000(3C)

CT-4000
CT-8000
(Customized Products)

CE-6000(Cell)

CE-6000(Module)

CE-6000(Pack)

CT-5000(mA)
CT-5000(3C)

CE-5000(3C)

CE-5000(Cell)

CT-9000

NEWARE
LabTech

Tele-Control & Tech-Support
Smart-Lab Solutions Platform

NEWARE
Store

Tailor-Made & Worry-Free
One-Stop Purchasing Platform

Newell

Elec-Calibration & Battery-Testing
Calibration & Testing Services

Integrated Test Solution,
Improves Manufacturing Process.

www.neware.co.kr
NEWARE NEWARE NEWARE
Version Number: ZY-EN-1-1-24H1-1-V2.0
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About NEWARE

1998
Established in

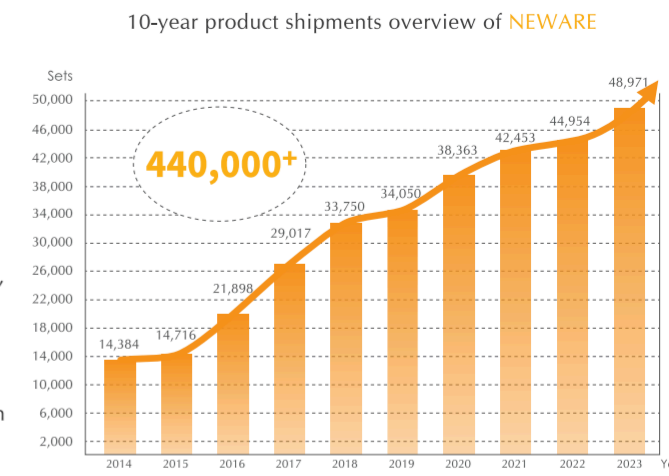
1,000+
Employees

50,000+
Clients

1,000+
Patents & Software Copyrights

Dedicated to providing support for Global Battery Manufacturers, Electric Vehicle Producers, Energy Storage Battery Manufacturers, as well as Enterprises, National Quality Inspection Departments, Universities, and Research Institutions

- Providing high-performance Battery Testing Systems, Formation and Grading Systems, Environmental Test Chambers, and Automation Equipment
- Providing system services (NEWARE LabTech AI + NEWARE Store BI) LIMS+MES
- Providing global service network, achieving timely response



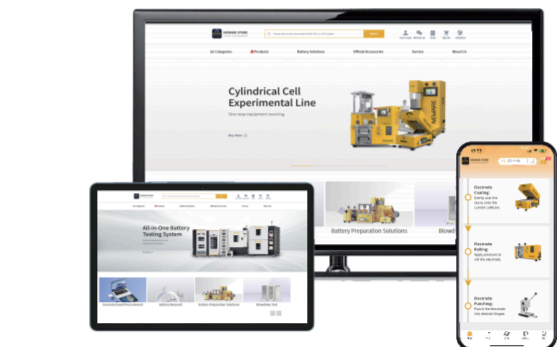
ISO 9001

NEWARE LabTech App Smart-Lab Solutions Platform

Remote Intelligent Control | Technical Support
Asset Management | Academic Live Streaming
Selected Top Journals | Research Community



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NEWARE Store App One-Stop Purchasing Platform

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Information Sharing



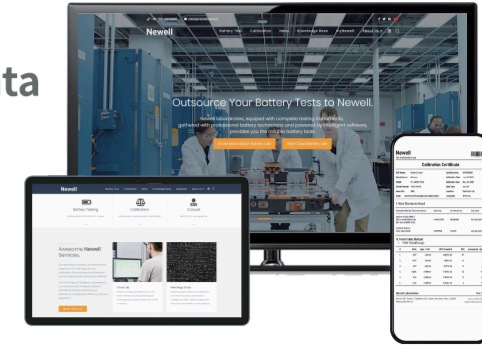
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Newell Test App Guaranteeing You Accuracy Test Data

Battery Testing Services | Calibration Services



www.neware.co.kr



**CT-4000
CT-8000** Battery Testing System (3 Ranges ^{5V}_{10/20/50mA} | 4 Ranges ^{5V}_{100mA})

An advanced mA type product, possessing high testing accuracy and favorable recording frequency. Suitable for Coin Cells, Small Capacity Battery, Super Capacitors, Three-Electrode System Testing and Battery Material Research, it can meet the needs of Material Manufacturers, Universities and Research Institutes.

- 

Voltage & Current Accuracy
±0.01% / 0.02% / 0.05% F.S.
- 

Recording Frequency
100Hz
- 

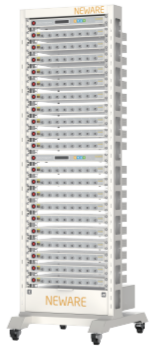
Sampling Time
10ms
- 

Current Response Time
(10% F.S. ~ 90% F.S.)
≤1ms
- 

DCIR Test
- 

dQ/dV Curve

Voltage & Current Range	Range 1	Range 2	Range 3	Range 4
5V10mA	5μA ~ 1mA	1mA ~ 5mA	5mA ~ 10mA	—
5V20mA	5μA ~ 1mA	1mA ~ 10mA	10mA ~ 20mA	—
5V50mA	5μA ~ 1mA	1mA ~ 25mA	25mA ~ 50mA	—
5V100mA	0.2μA ~ 0.1mA	0.1mA ~ 1mA	1mA ~ 10mA	10mA ~ 100mA



Works with
NEWARE LabTech

**CT/CE-4000
CT/CE-8000** Battery Testing System (3C 3/4 Ranges ^{5V}_{1A ~ 30A})

Suitable for Cylindrical and Pouch Cells of 3C Digital Products, it can meet the needs of Battery Manufacturers, 3C Manufacturers, Research Institutes, etc.

- 

Voltage & Current Accuracy
±0.01% / 0.02% / 0.05% F.S.
- 

Recording Frequency
10 / 100 Hz
- 

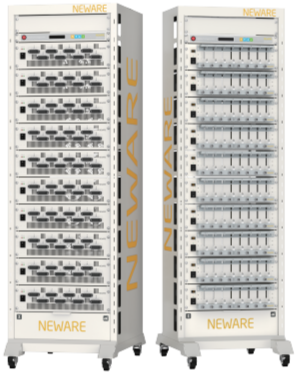
Sampling Time
100 / 10 ms
- 

Current Response Time
(10% F.S. ~ 90% F.S.)
≤1 / 1.5 / 20 ms
- 

DCIR Test
- 

Pules Test

5V	1A	6A	12A	15A	20A	30A
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Works with
NEWARE LabTech

**CT-4000
CT-8000** Battery Testing System (Customized Products ^{5V ~ 30V}_{30A ~ 1000A})

Suitable for Electric Vehicles Cells, Energy Storage Cells, Supercapacitors, it can meet the performance testing and working condition simulation needs of Battery Manufacturers, Electric Vehicles Manufacturers and Energy Storage Manufacturers.

- 

Voltage & Current Accuracy
0.05% F.S.
- 

Sampling Time
10 / 100 ms
- 

Current Response Time
(10% F.S. ~ 90% F.S.)
≤20ms
- 

Minimum Pulse Width
100 / 500ms
- 

Cycle Life Test
- 

Rate Charging / Discharging Test
- 

HPPC Test
- 

Working Condition Simulation
1,000,000 Rows



Works with
NEWARE LabTech

CE-6000 Cell Testing System (^{5V/6V}_{50A ~ 2000A})

Designed for the testing of power and energy storage cells, it is widely used in various Battery Manufacturers, Electric Vehicles Manufacturers and Energy Storage Manufacturers. It can effectively evaluate the performance of the cell and ensure its stable operation in applications such as Electric Vehicles and Energy Storage Systems.

- 

Voltage & Current Accuracy
±0.05% F.S.
- 

Recording Frequency
100Hz
- 

Current Response Time
(10% F.S. ~ 90% F.S.)
≤3ms
- 

Current Conversion Time
(90% F.S. ~ 90% F.S.)
≤6ms
- 

Simulation Test
- 

Feedback Efficiency
75%
(More than 80% output power)

5V / 6V	75A	150A	300A	600A	1200A	2000A
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Works with
NEWARE LabTech

CE-6000 Module Testing System (^{20V ~ 200V}_{20A ~ 1200A})

Suitable for use in Electric Vehicles, Communication Base Stations, Energy Storage and other fields, it provides comprehensive battery module testing services for Battery Manufacturers, small Electric Vehicles Manufacturers, and Energy Storage Manufacturers.

- 

Voltage Accuracy
±0.02% F.S.
- 

Current Accuracy
±0.05% F.S.
- 

Recording Frequency
100Hz
- 

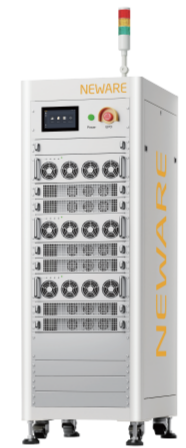
Current Response Time
(10% F.S. ~ 90% F.S.)
≤3ms
- 

Current Conversion Time
(90% F.S. ~ 90% F.S.)
≤6ms
- 

Simulation Test
- 

Feedback Efficiency
90% (Max)

20V≤V≤60V	60A	120A	240A	480A	960A	1200A	—
60V<V≤120V	50A	100A	200A	400A	600A	800A	1000A
120V≤V≤200V	50A	100A	200A	300A	400A	500A	—



Works with
NEWARE LabTech

CE-6000 Pack Testing System (^{200V ~ 1000V}_{100A ~ 1200A})

High-quality testing equipment specifically designed for Electric Vehicles, Communication Base Stations, Aerospace, and other fields, it can meet the testing needs of different manufacturers for battery packs, ensuring their reliability and stability in various application scenarios.

- 

Voltage Accuracy
±0.02% F.S.
- 

Current Accuracy
±0.05% F.S.
- 

Recording Frequency
100Hz
- 

Current Response Time
(10% F.S. ~ 90% F.S.)
≤5ms
- 

Current Conversion Time
(90% F.S. ~ 90% F.S.)
≤10ms
- 

Simulation Test
- 

Feedback Efficiency
94% (Max)

100kW	500V	200A
150kW	750V	200A
300kW	1000V	300A



Works with
NEWARE LabTech

CT/CE-5000 mA/3C Battery Testing System (^{5V ~ 30V}_{200mA ~ 30A})

Suitable for 3C Products Such as Laptops, Tablets, and Power Tool Batteries, it can meet the needs of Battery Manufacturers, 3C Manufacturers, etc.

- 

Voltage Accuracy
±0.02% F.S.
- 

Current Accuracy
±0.02% / 0.03% F.S.
- 

Recording Frequency
100Hz
- 

Current Response Time
(10% F.S. ~ 90% F.S.)
≤2 / 20 / 30ms
- 

SMB Communication
- 

Off-Line Test
1GB

CT-5000	5V	200mA	6A	12A
CE-5000	10V	20A	30A	—
	20V	10A	20A	30A
	30V	5A	10A	20A



Works with
NEWARE LabTech

CE-5000 Ultra-Precision Power Cell Battery Testing System (^{5V}_{75A ~ 10kA})

Suitable for high-performance testing of power cells, it is widely used in various Battery Manufacturers and Energy Storage Companies.

- 

Voltage Accuracy
±0.02% F.S.
- 

Current Accuracy
±0.05% F.S.
- 

Recording Frequency
100Hz
- 

Current Response Time
(10% F.S. ~ 90% F.S.)
≤1ms
- 

Off-Line Test
1GB
- 

Feedback Efficiency

5V	75A	150A	300A	600A	1200A	10kA
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Works with
NEWARE LabTech

CT-9000 Ultra-Precision Battery Testing System (^{5V}_{6A / 12A / 15A})

Suitable for the test and research of Coin Cells, 3C Digital Batteries and Battery Materials, it can meet the high-precision testing needs of Battery Manufacturers, Material Manufacturers, Universities and Research Institutes.

- 

Voltage & Current Accuracy
±0.02% F.S.
- 

Recording Frequency
1000 Hz
- 

Current Response Time
(10% F.S. ~ 90% F.S.)
≤100 μs
- 

Minimum Pulse Width
400 μs
- 

SMB Communication
- 

DCIR Test

Voltage & Current Range	Range 1	Range 2	Range 3	Range 4
5V6A	0.1μA ~ 180μA	180μA ~ 6mA	6mA ~ 180mA	180mA ~ 6A
5V12A	0.12mA ~ 12mA	12mA ~ 120mA	120mA ~ 1200mA	1200mA ~ 12A
5V15A	0.15mA ~ 15mA	15mA ~ 150mA	150mA ~ 1500mA	1500mA ~ 15A



Works with
NEWARE LabTech

WHW Coin Cell All-in-One Testing System (^{5V}_{10/20/50mA} | 4 Ranges ^{5V}_{100mA})

Integration of charge-discharge testing and constant temperature experiments, enabling efficient and precise testing and research on battery temperature performance to meet the diverse testing needs of Material Manufacturers, Universities, and Research Institutes.

- 

Voltage & Current Accuracy
±0.01 / 0.05% F.S.
- 

Sampling Time
10 / 100ms
- 

Current Response Time
(10% F.S. ~ 90% F.S.)
≤1ms
- 

Number of Channels (Coin Cells)
16 ~ 160CH

- 

Temperature Range & Deviation
15℃ ~ 60℃±2℃
0℃ ~ 60℃±2℃
(No Load & Stable Temperature)
- 

Temperature Fluctuation
±0.5℃
(No Load & Stable Temperature)
- 

Heating Time
25℃ ~ 60℃ (≤30min)
- 

Cooling Time
25℃ ~ 15℃ (≤60min)
25℃ ~ 0℃ (≤50min)



Works with
NEWARE LabTech

WHW 3C All-in-One Testing System (^{5V}_{6A / 12A / 30A})

The system combines charge-discharge testing and constant temperature experiments, making it suitable for conducting charge-discharge testing and temperature performance testing on batteries such as Pouch Cells.

- 

Voltage & Current Accuracy
±0.05% F.S.
- 

Recording Frequency
10 Hz
- 

Sampling Time
100 ms
- 

Number of Channels (Pouch Cells)
80 CH

- 

Temperature Range & Deviation
0℃ ~ 85℃±2.0℃
(No Load & Stable Temperature)
- 

Temperature Fluctuation
±0.5℃
(No Load & Stable Temperature)
- 

Heating Time
25℃ ~ 85℃ (≤40 min)
(No Load & Stable Temperature)
- 

Cooling Time
25℃ ~ 0℃ (≤40 min)
(No Load & Stable Temperature)



Works with
NEWARE LabTech

WGDW Power Cell All-in-One Testing System (^{5V}_{75A ~ 600A})

Combining the functions of charge-discharge testing with high and low temperature testing, it is suitable for applications in areas such as Power Cells and Energy Storage Cells.

- 

Voltage & Current Accuracy
±0.05% F.S.
- 

Recording Frequency
100 Hz
- 

Current Response Time
≤3ms
- 

Number of Channels
8 CH

- 

Temperature Range & Deviation
-40℃ ~ 150℃±2.0℃
(No Load & Stable Temperature)
- 

Temperature Fluctuation
±0.5℃
(No Load & Stable Temperature)
- 

Heating Time
20℃ ~ 150℃ (≤60min)
(No Load & Nonlinearity)
- 

Cooling Time
20℃ ~ -40℃ (≤60min)
(No Load & Nonlinearity)



Works with
NEWARE LabTech

WHW Constant Temperature Test Chamber Series

Suitable for the temperature performance test of various batteries such as Coin, Pouch, Cylindrical and Prismatic Cells, for all Enterprises and Institutions that need to conduct the temperature test of batteries.

- 

Forced-Circulation-Air Cooling
- 

Fuzzy PID Algorithm
- 

Number of Channels (Coin Cells)
16 CH / 160 CH
- 

Environment Temperature
5℃ ~ 35℃

- 

Temperature Range & Deviation
15℃ ~ 60℃±2℃
0℃ ~ 60℃±2℃
(No Load & Stable Temperature)
- 

Temperature Fluctuation
±0.5℃
(No Load & Stable Temperature)
- 

Heating Time
25℃ ~ 60℃ (≤30min)
(No Load & Stable Temperature)
- 

Cooling Time
25℃ ~ 15℃ (≤60min)
25℃ ~ 0℃ (≤50min)
(No Load & Stable Temperature)



Works with
NEWARE LabTech

WGDW High and Low Temperature Test Chamber Series

Creating high and low temperature testing environments for temperature performance testing of various types of batteries, including Coin, Pouch, Cylindrical and Prismatic Cells, to meet the testing and research needs of Enterprises and Institutions on the temperature reliability of batteries.

- 

Environment Temperature
5℃ ~ 35℃
- 

Temperature Range
-20/-40/-70℃ ~ 150℃
- 

Temperature Deviation
±2.0℃
(No Load & Stable Temperature)

- 

Temperature Fluctuation
±0.5℃
(No Load & Stable Temperature)
- 

Heating Time
-20℃ ~ 150℃ (≤60min)
-40℃ ~ 150℃ (≤60min)
-70℃ ~ 150℃ (≤75min)
- 

Cooling Time
20℃ ~ -20℃ (≤45min)
20℃ ~ -40℃ (≤60min)
20℃ ~ -70℃ (≤75min)



Works with
NEWARE LabTech

WFB Explosion-Proof Test Chamber Series

Suitable for safety performance test of various batteries, such as Coin, Pouch, Cylindrical and Prismatic Cells, it can meet the detection and research of battery reliability needs of Enterprises and Institutions.

- 

Environment Temperature
5℃~35℃
- 

Relative Humidity
≤85%RH
- 

Atmospheric Pressure
86kPa ~ 106kPa

- 

Multiple Storage Compartments
- 

Smoke Alarm
- 

Safe Testing



Works with
NEWARE LabTech

*CT/CE: Battery charging-discharging test system. "E" indicates that this equipment is equipped with energy feedback function.
*Other models can be customized according to voltage and current requirements.

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