

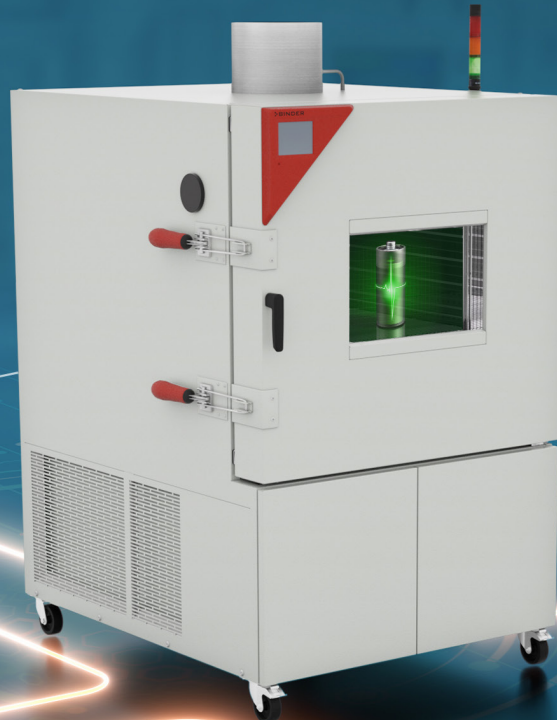
CYCLER > CHAMBER < CHILLER

Easy connection. Reliable communication.

BINDERCHAMBER
for battery testing

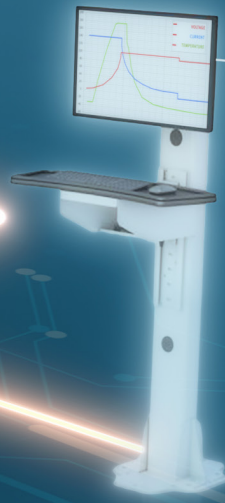
ANYCYCLER

ANYCHILLER



RS485 (Optional)
ModbusRTU

Ethernet
Modbus TCP



CUSTOMER SOFTWARE
for data analysis



Alarm



Temperature



Relative humidity



Program



Volt



Amps



Resistance

CYCLER > CHAMBER < CHILLER

Easy connection. Reliable communication.

Batteries need to be put through their paces to ensure they have what it takes to perform safely and reliably. Depending on the application and testing requirements, the following peripheral units are typically required:

- **CYCLER:** Charging and discharging the battery cell
- **BINDER BATTERY TEST CHAMBER:** Simulation of the general temperature conditions of the battery cell (aging, performance, and stress tests)
- **CHILLER:** Direct cooling and/or heating of the battery cell

Communication and data evaluation between these units are two of the main challenges that arise in the context of an individual test environment. Various interfaces and software solutions can help with this interaction. Implementing the right software solution makes it possible to synchronize thermal and electrical profiles. In this way, large amounts of data can be evaluated, and precise results can be obtained.

The BINDER battery test chamber is compatible with all cyclers and chillers, regardless of the manufacturer.

(See example figure on page 1)

- ▶ BINDER battery test chambers are suitable for aging, performance, and stress tests.
- ▶ The battery test chambers are compatible with additional peripheral units such as cyclers and chillers, regardless of the manufacturer.
- ▶ Comprehensive safety packages corresponding to EUCAR Hazard Levels.
- ▶ **BINDER INDIVIDUAL:** Battery test chambers can be adapted to specific customer requirements and equipped with additional functions.

ALL ADVANTAGES AT A GLANCE



SAFE

Independently tested BINDER safety concept certified by TÜV SÜD Industrie Service GmbH



RELIABLE

Independent, tried-and-tested fire suppression system reliably limits the risk of fire



SMART

Convenient control, programming, and monitoring at the workstation, remote monitoring and control



COST-EFFECTIVE

Optimal price/performance ratio, ideal combination of safety features and price

DO YOU HAVE ANY QUESTIONS ABOUT OUR BATTERY TEST CHAMBERS? OUR EXPERT TEAM WILL BE HAPPY TO ADVISE YOU.



Scan the QR code
for more information
gozbinder.com/en/battery-testing

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