

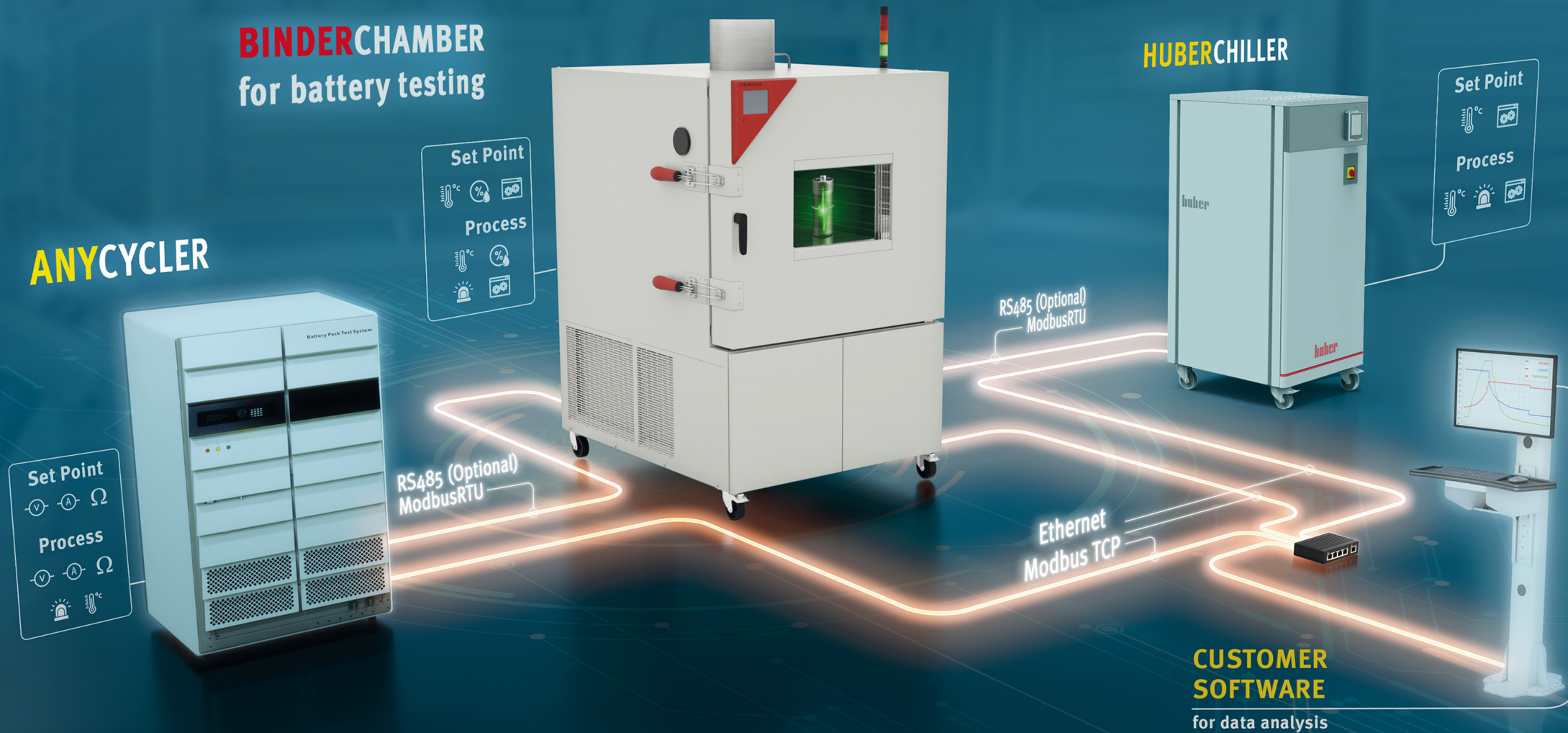
## CYCLER > CHAMBER < CHILLER

Easy connection. Reliable communication.

**BINDER**CHAMBER  
for battery testing

**ANYCYCLER**

**HUBER**CHILLER



Set Point  
Process

Set Point  
Process

Set Point  
Process

RS485 (Optional)  
ModbusRTU

RS485 (Optional)  
ModbusRTU

Ethernet  
Modbus TCP

**CUSTOMER  
SOFTWARE**  
for data analysis

## 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 Customized Solutions:  
Battery test chambers can be adapted to specific customer requirements and equipped with additional functions.

### ALL ADVANTAGES AT A GLANCE



#### SAFE

EUCAR-compliant safety packages and customized configurations provide comprehensive protection.



#### 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  
[>go2binder.com/en-battery-test-chambers](https://go2binder.com/en-battery-test-chambers)

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