Test chamber for lithium-ion energy storage devices

The BINDER test chambers for aging and performance of lithium-ion energy storage devices offer maximum application convenience and meet Eucar/Hazard level 4*. BINDER supplies test chambers with a standard package for aging tests, as well as a more extensive package for carrying out performance and aging tests.

### PACKAGE P – FOR PERFORMANCE AND AGING TESTS

**Application:**
Cells and modules are tested at different temperatures with and without a current supply to measure performance.

**Solution:**
- Class 2 independent temperature safety device when temperature is set to 120 °C
- Temperature range limited to 120 °C on the controller
- Stainless steel pressure relief flap installed in the middle of the top of the unit
- Enhanced door lock mechanism with reinforced brackets
- Inert gas connections

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PACKAGE A – FOR AGING TESTS

Application:
Cells and modules are tested at different temperatures always **without a current supply** in order to assess aging during storage.

Solution:
- Class 2 independent temperature safety device when temperature is set to 120 °C.
- Temperature range limited to 120 °C on the controller

FURTHER ADJUSTMENTS AVAILABLE ON REQUEST:

BINDER series units are converted by our BINDER INDIVIDUAL department according to special customer requirements, and equipped with additional functions.

- Program sequence display using indicator lamps
- Electromechanical door lock mechanism controlled in a program and/or manually
- Additional access ports available in almost all sizes and locations

TIPS AND TRICKS

Learn more in our user report:
TÜV SÜD Battery Testing GmbH - Energy storage device in hardness test
> go2binder.com/us-TUEV-SUED-Battery-Testing

Find out more >
Further information and a supplement about cell and module test chambers >go2binder.com/us-BINDER-INDIVIDUAL

*Operator is responsible for ultimate safety measures*