Lithium ion battery cell testing chambers

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.

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

PACKAGE P – FOR PERFORMANCE AND AGING TESTS

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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

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**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

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**TIPS AND TRICKS**

Learn more in our user report:
TÜV SÜD Battery Testing GmbH - Energy storage device in hardness test

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Find out more ›
Further information and a supplement about cell and module test chambers › [go2binder.com/en-BINDER-INDIVIDUAL](http://go2binder.com/en-BINDER-INDIVIDUAL)

*Operator is responsible for ultimate safety measures