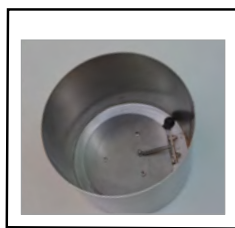
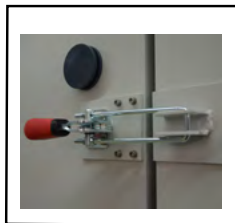


Lithium ion battery cell testing chambers

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.



Pressure relief flap with an additional relieving spring as a safety measure in the event of faults



Door-locking mechanism with strong closing brackets on the side

Access port for introducing external measuring instruments

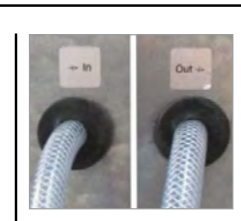


Eucar/
Hazard
Level 4*

Additional safety measures on the MK 240 dynamic climate chamber



Temperature range limited to 120 °C on the controller



Inert gas connections for rinsing (e.g., for nitrogen)

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/en-TUEV-SUED-Battery-Testing

Find out more ›

Further information and a supplement about cell and module test chambers › go2binder.com/en-BINDER-INDIVIDUAL

*Operator is responsible for ultimate safety measures