



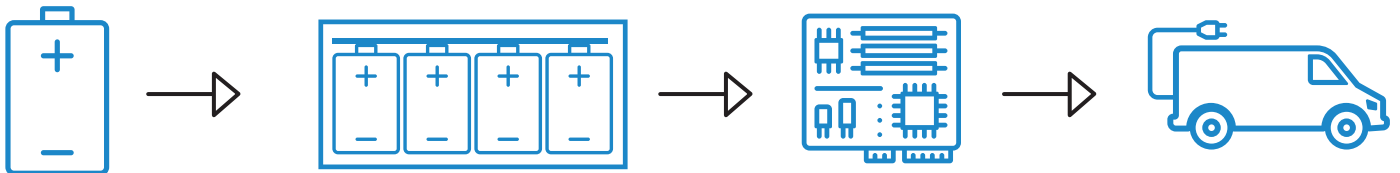
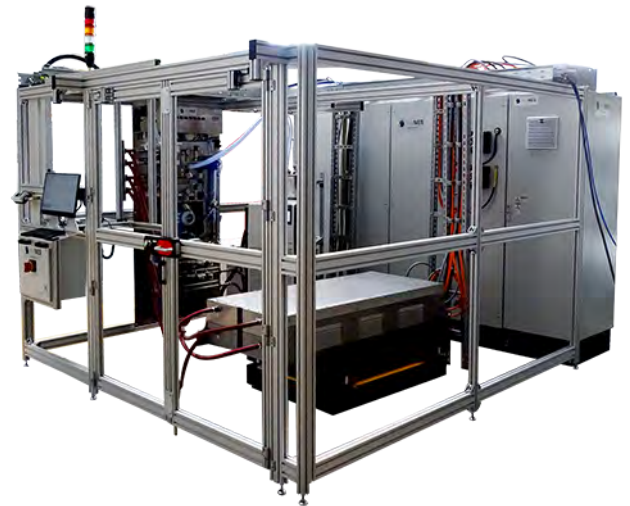
BATTERIEINSPEKTOR™

Quality from the Cell to the Final Product

The batterieinspektor™ by ProNES integrates market-leading hardware and software for innovative, automated, and digitalised battery testing. The wide range of test parameters lets you ensure the highest quality at every stage of battery manufacturing.

The batterieinspektor™ combines the most diverse hardware and software modules. Regardless of the position in the manufacturing process, the modules can be adapted to the respective quality requirements.

The basic batterieinspektor™ system provides a solid standard framework that can be precisely scaled. It will not matter whether you are starting with a green-field project or restructuring and/or retrofitting as an experienced pioneer.



Cell

Goods reception

- Surface
- Classification
- HV stability

Label creation

- Example: data matrix code (traceability)

Module

Surface

Software test

Balancing

State of charge (SOC)

HV stability

Optional: Leakage

Label creation

- Example: data matrix code (traceability)

BMU

Flash

Test

Read BMU memory

Measure

Complete CAN tracing

Test Interlock

Insulation resistance

Voltage stability

Software test

Label creation

- Example: data matrix code (traceability)

Battery Pack

Flash

Climate panels

Test all systems

Charge to delivery state (Balance SoC)

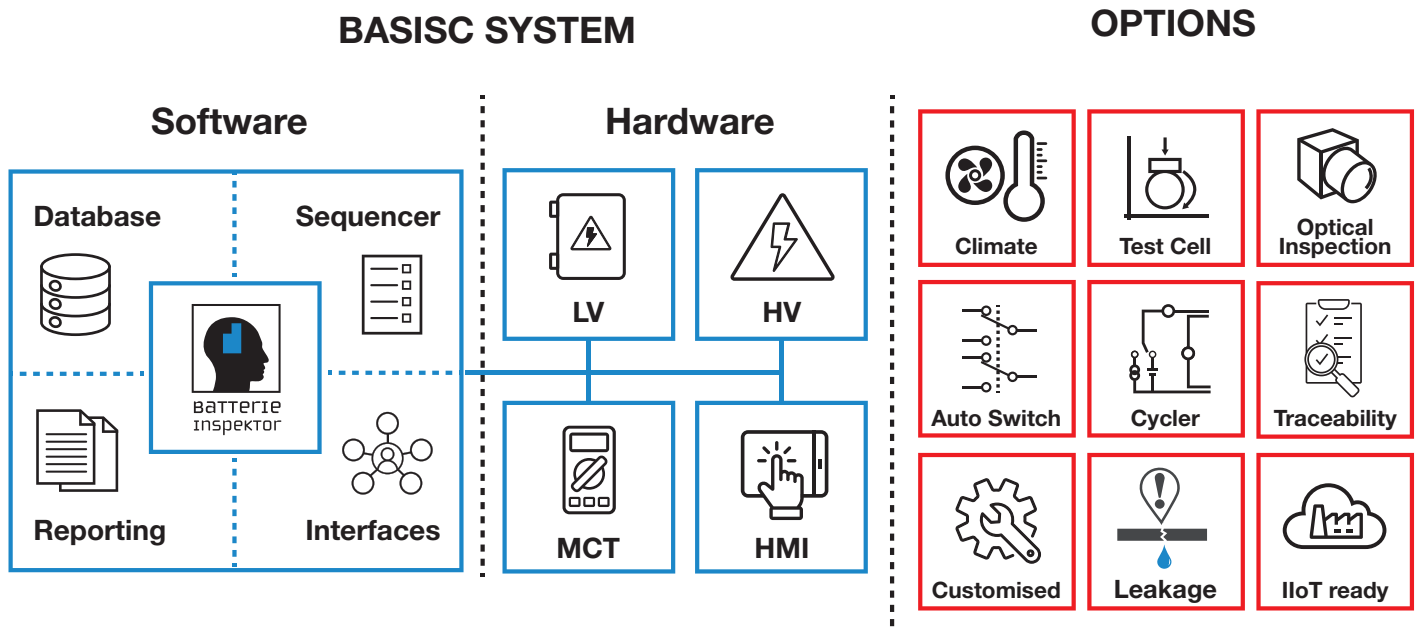
Test

Read BMU memory

Label creation

- Example: data matrix code (traceability)

Modularer Aufbau des Prüfsystems



Your Benefits at a Glance

- Smart Battery Manufacturing from a single source
- Consulting in an early project phase
- Establishment of a complete and continuous testing strategy
- Establishment of a long-term partnership with the project developers
- Data acquisition – device connectivity – data management

OUR Team for YOU

Would you like to set out on the path to the Smart Factory? Our engineers and technicians will be happy to help you!

✉ batterieinspektor@prones.de
 ☎ +49 6341 94550 56



ProNES automation GmbH
 Marie-Curie-Straße 5a
 76829 Landau

www.prones.de
www.batterieinspektor.de