

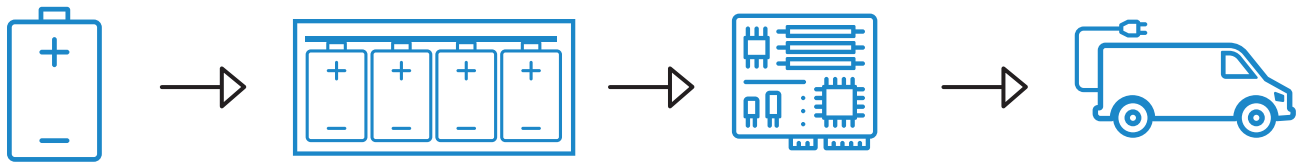


BATTERIEINSPEKTOR

The Framework for YOUR Solution

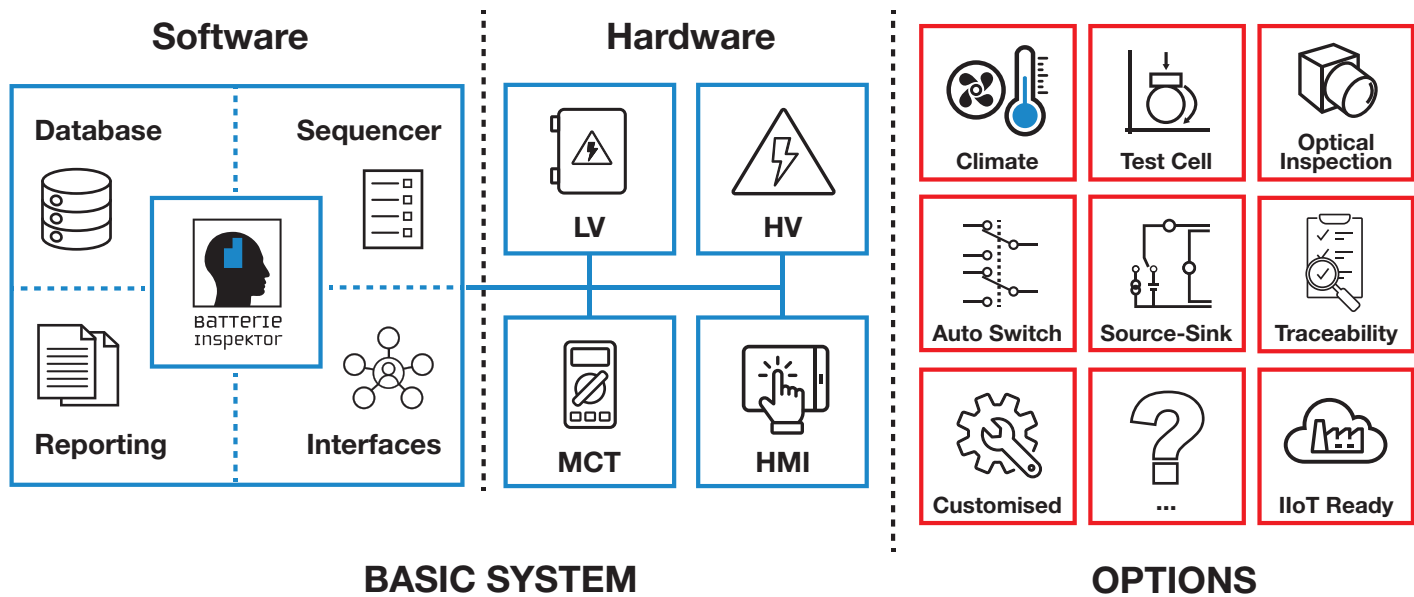
The batterieinspektor by ProNES integrates market-leading hardware and software for innovative, automated, and digitalised battery testing. The wide range of test parameters (see below) allow you to ensure the highest quality in every phase of battery manufacturing. In this way, you are already creating the prerequisites for tomorrow's Smart Battery Manufacturing today.

Quality from the cell to the final product



Cell	Module	BMU	Battery pack
Surface - Optical tolerances Classification - Cell voltage measurement - Cell capacity HV stability - Resistance measurement Label creation Example: data matrix code (Traceability) YOUR Parameters	Surface - Optical tolerances Software test - Communication - Sensors Balancing - Cell voltage - Cell difference State of charge (SOC) HV stability - Resistance measurement Electrical connection Label creation Example: data matrix code (Traceability) Optional: Leakage YOUR Parameters	Flash Test Read BMU memory Measure - Power input - Voltage Complete CAN tracing Test Interlock Insulation resistance Voltage stability Software test - Communication - Sensors Label creation Example: data matrix code (Traceability) YOUR Parameters	Flash - Module controller - BMU Climate panels Test all Systems - High- und Low-voltage components - Battery management system (BMS Master) - publicCAN and privateCAN - Insulation resistance - Voltage stability - Pressure loss in the heat exchanger system - Temperature response - Pre-charger (SoC) - Load jump Charge to delivery state (Balance SoC) Label creation Example: data matrix code (Traceability) Optional: Leakage YOUR Parameters

The Modular Structure



The batterieinspektor offers a wide variety of hardware and software modules. These can be adapted to the respective quality requirements – irrespective of their position in the production process.

The basic system of the batterieinspektor provides a solid framework that can be scaled precisely with optional modules. It will not matter whether you are starting from scratch with a factory or retrofitting as an experienced pioneer. Our engineers and technicians will be happy to help you!

OUR Team for YOU

You want take the path to the Smart Factory?
Then just call our team for advice!

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



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

www.prones.de
www.batterieinspektor.de