



Empowering system manufacturers

JOT Battery Test Solution

JOT
automation

INTRODUCING A FULLY CUSTOMIZABLE TURNKEY SOLUTION FOR EV BATTERY TESTING

Once again JOT Automation sets the industry standard with its innovative Battery Test Solution – a fully complete, turnkey EV battery cell test solution for system manufacturers – that can be tailored precisely to each customer’s requirements and preferences. The station’s unique modular design – the hallmark of all JOT products – together with its array of options for sophisticated applications, makes it one of the most comprehensive battery test systems on the market.

The JOT Battery Test Solution can also accommodate separate applications at different phases for both the testing of individual battery cells and for complete battery packs and complete battery systems.

The multifunctional machine vision system accurately detects surface defects, and measures the exact dimensions, diameter and weight of battery cells. The high-precision machine vision test equipment combines multiple 2D and 3D tests to perform real-time monitoring, data collection and analysis, and control for the early sorting of defective cells.

From incoming battery cell material check & verification to electrical tests, quality assurance and fail-product sorting, the fully customizable JOT Battery Test Solution can easily be integrated into your existing factory lines or deployed as a standalone, all-in-one battery test solution.

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KEY FEATURES:

- › Cell and battery module-level testing
- › High-speed test cycles supporting high-volume production requirements
- › Incoming material verification
- › Rust, contamination & defect validation with optical inspection: surface dents, dirt, stains, damage and other defects
- › Dimension, diameter & weight validation
- › Highly accurate electrical tests including OCV, DCIR and ACIR
- › Automatic fail / pass sorting
- › Configurable cell mapping
- › Advanced, real-time statistics and analytics
- › Integrated incoming and outgoing conveyors

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Learn more » jotautomation.com/products/jot-battery-test-solution.html



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WHY SYSTEM MANUFACTURERS RELY ON JOT:

- › Fully customizable turnkey solutions for battery assembly and testing
- › Solutions built and optimized to each customer's test requirements and preferences
- › Easy integration into existing factory systems or as a stand-alone unit
- › Industry-leading turnkey supplier with 30+ years of experience
- › Compliance with existing test and safety standards

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