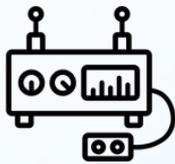




Electric Vehicle Testing & Inspection Solutions



Component Level Testing

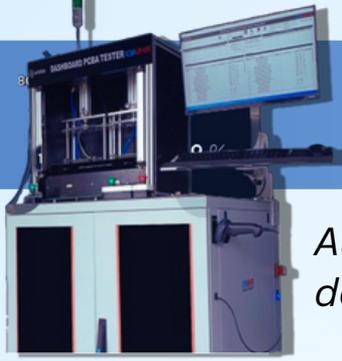


System Integration Validation



Data-Driven Inspection Reports





EV Dashboard Test System



Automatically tests dashboards upon placement, detecting defects with no manual intervention, ensuring accuracy and speed.



High-Precision Visual Inspection with RGB Profiling



Automated Reporting and Traceability



Integrated UDS/CAN Protocol Communication



Customizable testing ensures tailored assessments

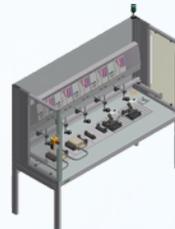
Features:



Detect and classify defects using diagnostic parameters accurately



It takes < 120s including visual inspection



Configurable and Parallel Testing (upto 8 Stations)



It supports both PCBA & EOL Testing (Simultaneous testing)

EV Flashing Station

This system enables dashboard flashing for up to 16 units in parallel, with built-in safety features and automatic engage/disengage mechanism to reduce operator intervention increased efficiency.



Faster cyclotime



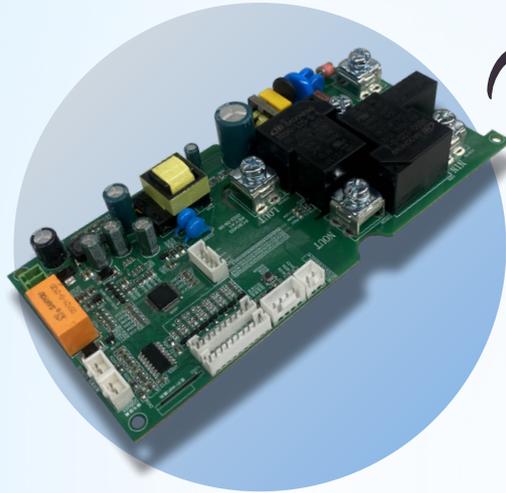
Parallel flashing



Automated engage mechanism

PCB Functional Tester

The machine automates LDU and PDU testing, ensuring fast, reliable, safe validation without manual input.



Enables simultaneous testing of LDU and PDU for higher efficiency



Simulates real EV conditions to validate key vehicle functions



Tests up to 4 units simultaneously to boost throughput



Detects insulation faults and leakage using high-voltage safety testing (1400V)

Features:



High Speed Inspection (160 Parts/Hour for Both LDU & PDU)



It supports PCBA & EOL Testing (Simultaneous testing)



Parallel and Configurable Test Stations



Integrates SQL, OPC UA and Excel for data logging and analysis

EV battery Testing Kit

The project aims to develop a LabVIEW-based battery testing kit with a modular, plugin-driven architecture, allowing users to customize tests and explore advanced battery analysis.



Modular Plugin Architecture



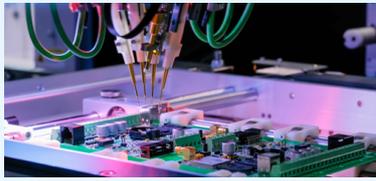
Customizable & Extendable Software



Automated Testing & Data Analysis



Advanced machine vision systems for high-speed, precision sorting and inspection across industries



Automated test systems ensure flawless, uncompromised products for all sectors



Expert LabVIEW consultancy and targeted solutions for your development Team

We also Worked on...



Oil filter Inspection System



Automotive Lamp Test System



Automated Pump Test System



Spark Plug Inspection System



Fastener Inspection System



O-Ring Inspection System

Our Valuable Clients :

