

NSM Industrial Solutions Pvt. Ltd.

Innovation is our Legacy

ICT (In-Circuit Test) Bench

Useful to detect

- Unintended Short Circuits and Isolated Circuits
- Missing Components
- Incorrect Value Components
- Boundary Scan
- MicroController Flashing

Typical Tests

- Continuity Test as per PCB Netlist
- Resistance, Inductance, Capacitance Test at particular test points

Portable ICT

- Multiple Test Recipes based on BOM and NetList.
- Define Test Criteria either Continuity, Resistance, Capacitance, Inductance or combination of any or all.
- Exact Component and Track level fault Report

Useful for

- Low volume Production,
- On site or Off site Service/ Repair

Includes

- Portable Unit + Software License



ICT Bench for Production (ECO)

- Table Top
- High Volume Production
- No dependency on skilled human resource
- Multiple PCBA can be tested by just changing Bed of Nails Fixture
- Data Logging and Traceability

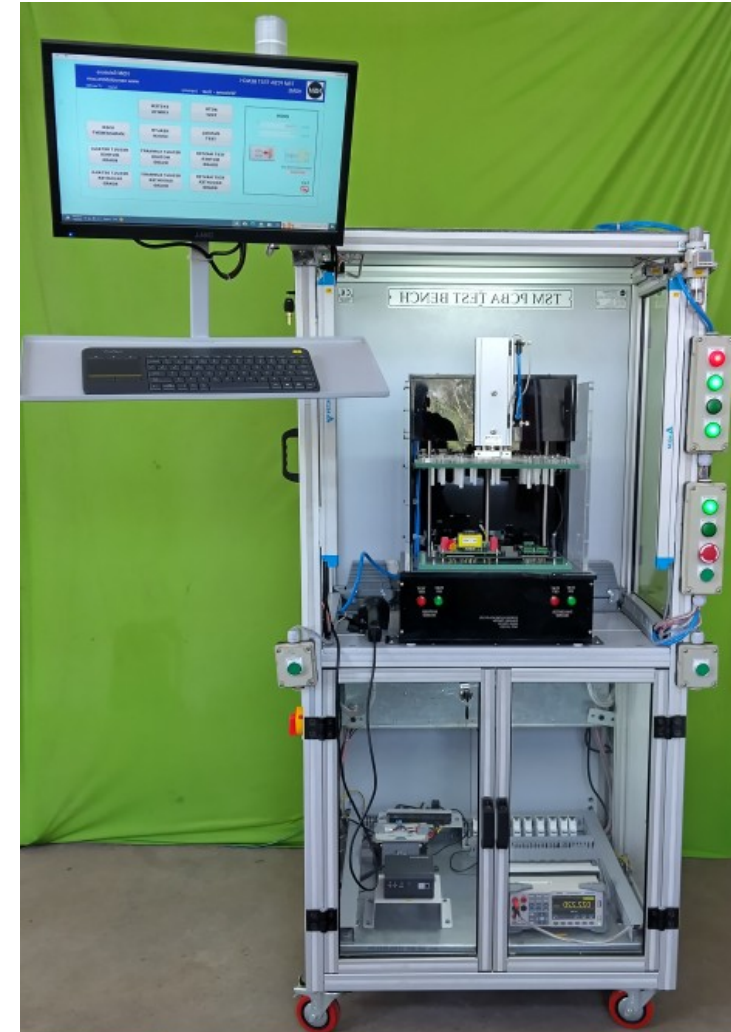
Includes

- Electrical Control Unit + Software License
- Bed of Nails Fixture (Plug and Play Change Part)



ICT Bench for Production (Pro)

Fully Self Contained Plug and Play
Test Bench



ISO 9001 compliance

- 100% fault detection
- Improves Yield
- Unique Test Report of every PCBA
- Complete Traceability
- Detail Root Cause Analysis in case of Customer Complaint

- Less dependency on skilled human resources
- Faster adoptions to new PCBA manufacturing
- Faster Production with Accuracy

- Specialized in PCBA Test Benches since year 2010.
- User Interactive LabView software for Data Logging and full Traceability.
- State of Art Rack Type Modular Test System.
- Fast turn around time from Design to Delivery.
- Direct OEM support from our Online Support Ticket System.

- Auto Mode: For Production Use
- Data Logging and Traceability against Sample Identifier.
- Manual Mode: For Maintenance and Troubleshooting
- Calibration Mode: For Calibration of internal instruments.
- Test Master: Add/ Edit/ Delete Test Recipes
- Result CSV file direct email facility. No need of Pen drive.
- Multi-User system with different authorities: Engineering, Quality, Maintenance, Production, Operator.
- System Health Check: For Preventive and Corrective Maintenance.
- Industry 4.0 compliant system.
- Machine to Machine communication capability.
- 21CFR compliant.

Thank you



Thank you

www.nsmsolutions.com