

Why CheckSum is the Smart, Low Cost Way to Get On Board.

CheckSum is the only US ATE supplier delivering complete turnkey products and services with the benefits of fully integrated single-vendor support.

Factory-crafted bed-of-nails test and part programming fixtures. High quality application programs written and verified by factory experts in test and part programming, support when you need it, where you need it.

- Reasonably priced in-circuit test systems to over 5000 points.
- The world's first gang programming system for programmable parts already mounted on circuit boards and panels.
- Bed-of-nails fixtures—pneumatic and vacuum; single- and double-sided; single-stage and dual-stage.
- Complete part programming and test programs, including boundary-scan and functional test.
- Engineer-to-engineer telephone support.

With an installed base exceeding 3000 systems, CheckSum part programming systems and circuit board testers are the proven low cost solution for OEMs and contract manufacturers worldwide.

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Get on Board

Part Programming

Board Test

Boundary Scan



CheckSum part programming and board test solutions.

Greater productivity at lower cost for large-memory programmable devices and complex circuit boards.

MultiWriter pps On-Board Gang Programming System

MultiWriter pps — the world's first parts-on-the-board gang programming system — is the high throughput solution for multiple programmable parts on boards and panels.



- Standard system simultaneously programs up to four device types, or up to 96 devices. Additional expansion capability available with up to 24 parts, up to 16 different types or families, that's up to 384 parts at once.
- Data Encryption Protection insures your IP (Intellectual Property) is not at risk anywhere in the world
- "No hassle" programming of unique data (date code, serial number, MAC address, calibration data, etc.) on a per-device basis
- High-throughput using high programming/verification data rates with excellent signal quality
- Universal device programming capability for all device families supported by an extensive protocol library
- Integrated production solution
- Pay-per-part, OEM and inline versions are available

MultiWriter Technology is protected under U.S. Patent No. 7,802,021.

Analyst ems Low Cost In-Circuit Test System

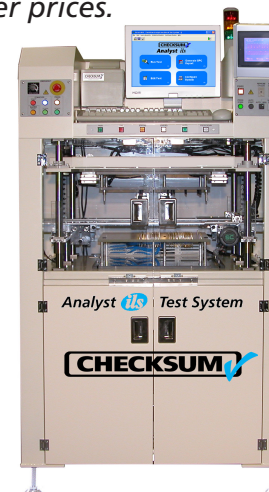
Equivalent fault detection on complex SMT boards—at a fraction of the price of traditional in-circuit testers.



- Fully integrated CheckSum programming and runtime environment
- Dual-level probing capability
- Rack space to integrate functional instrumentation
- Built-in SPC measurement tools; easily integrated into factory data systems
- Accommodates boards up to 24" x 13.2" (61 cm x 33.5 cm)
- Available TestJet Technology, Boundary-Scan and MultiWriter part programming system
- 2000 test point system for around \$77,000 and 5000 test point system for around \$120,000

Analyst ils Integrated Test and Handling System

Automated in-line test at a fraction of traditional handler/ tester prices.



- The industry's first true low-cost integrated tester / handling system
- Handler with 800 test point system including TestJet Technology for around \$100,000
- Available TestJet Technology, Boundary-Scan and MultiWriter part programming system
- Up to 2000 test points; accommodates boards up to 400mm by 300mm (15.7 inches wide and 11.8 inches deep)

TestJet Technology is protected under U.S. Patent Nos. 5,124,660 and 5,254,953