

Introducing the industry's most versatile open platform, integrated and future proof to handle custom and standard packages across a full temperature range.

DISCOVER A NEW GENERATION OF TEST HANDLERS

JANUS I

The Janus I offers a large environmental test chamber to accommodate medium to large-sized IC packages. It has up to 8 input tracks allowing ample soak time for IC testing at temperature ranges from -55°C to $+125^{\circ}\text{C}$. The Janus I is suited for large volume production for small to medium size IC packages



At Sessco Technologies, we have successfully developed a new Handler with an open platform. We look forward to meeting the needs of our customers with cost-effective, user-friendly and reliable solutions. Our design and manufacture of advanced, high-throughput and cost effective Test Handlers is highly suited for commercial, industrial, automotive and military-grade IC test applications. Our operations are in San Jose in California, Clark Freeport in the Philippines, and in Singapore.



- Modular software programming
- Non-proprietary hardware such as standard components to reduce development time and manufacturing cost.
- Reconfigurable and expandable all integrated controller

**A minimalist approach
SIMPLE IS BETTER**



Key Technological Features:

- High Throughput of up to 8,000 UPH
- Single, Dual or Multi-site in Serial or Parallel Configuration
- Tri-Temp, Temperature Range from -55 °C to +125 °C
- Cutting-edge 80 ns/step all integrated controller
- Up to 8 Buffer Track Soak Chamber
- Standard, Kelvin, PTB
- Robust Sort Parity and Double-Drop Detection
- Multiple Communication Interface & Protocols – RS232C, GPIB, MOD-BUS
- Intuitive User-Friendly Touchscreen HMI
- Diskless Download Capability through USB
- Ethernet Ready
- SECS GEM Compliant

Specifications:

- Throughput: up to 8,000 UPH
- Test Site: Single or Dual
- Expanded Soak Chamber up to Eight Buffer Tracks
- Output Capacity: Auto-loader, six programmable output tracks
- Temperature Range: -55 °C to +125 °C, Optional +175 °C
- Temperature Accuracy: +/- 2 °C
- Soak Time Range: User Defined
- MTBJ (Mean Time Before Jam) 1 in 5000 parts
- Contactor: Standard, Kelvin, PTB
- Sort Categories: User Defined
- Power Requirements: 115VAC 20 Amps 50/60 Hz
- Air Requirements: 85 PSI @ 2 CFM (80 SCFH for Hot System)
- LN2 Pressure: 25 PSI

Hardware Partners

- Panasonic – Cutting edge 80 ns/step all integrated controller
- Red Lion – Award Winning HMI Touchscreen
- Oriental Motor – Motion Control and Positioning
- Keyence – Fibre Optic Sensors
- SMC – Valves and Solenoids

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