

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 TRI-TEMP TEST HANDLERS

SIA-118T

The SIA-118T model is based on a cutting edge all integrated 80 ns/step controller offers an unparalleled alternative solution for Tri-Temperature testing. Industry's most versatile Handler platform is easy to customize and is capable of handling package size from 3x3mm of up to 100x50mm across a full temperature range. Ideal for NPI, Engineering and Production.



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 Tri-Temperature 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 -60 °C to +175 °C
- Expandable Input Soak Chamber of up to eight tracks
- Cutting-edge 80 ns/step all integrated controller
- 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 Temperature Range: -60 °C to +175 °C
- Temperature Accuracy: +/- 2 °C
- Soak Time Range: User Defined
- MTBJ (Mean Time Before Jam) 1 in 5000 parts
- Contactor: Standard, Kelvin, PTB or Hybrid Pick and Place Type
- 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

SESSCO Technologies, Inc.

1701 Fortune Drive, Suite A
San Jose, California
U.S.A. 95131
Tel: +1-408-321-7437
Email: info@sessco.com