

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

SIA Series Handler



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, California, and Clark Freeport in the Philippines.



The SIA series 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 high volume Production. Powered by **SESSCO UTHA** (Universal Test Handler Architecture)

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 +130 °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 , Dual, Quad, Octal in Series or Parallel Configuration
- Expanded Soak Chamber up to Eight Buffer Tracks, Auto-tube loader
- Output Capacity: Auto-loader, six programmable output tracks
- Temperature Range: -55 °C to +130 °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 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)

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 Dr., Suite N

San Jose, CA. USA 95131

Tel: +1-408-321-7437

Email: info@sessco.com

Website: www.sessco.com