

Model 4800 Burn-in Board Loader/Unloader

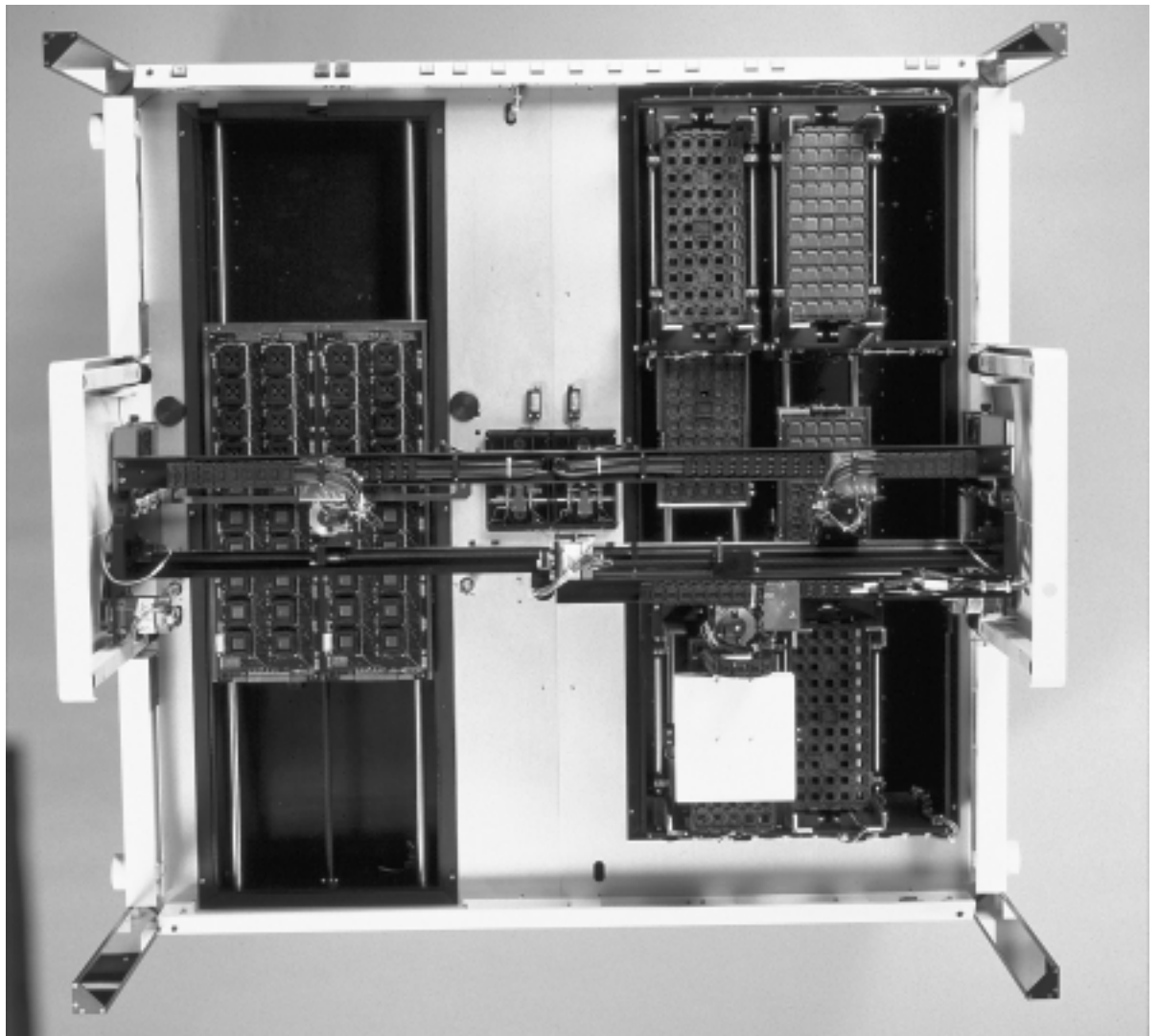


AETRIUM[®]

Experience, Technology, Solutions

Aetrium Series 4800 Burn-in Board

Loader/Unloaders are ideally suited for all production burn-in requirements. The systems are offered with single, dual, five and ten head device transfer capability with an optional stacked BIB elevator and trolley.



Top View of Typical System

System Configured to Fit Your Application

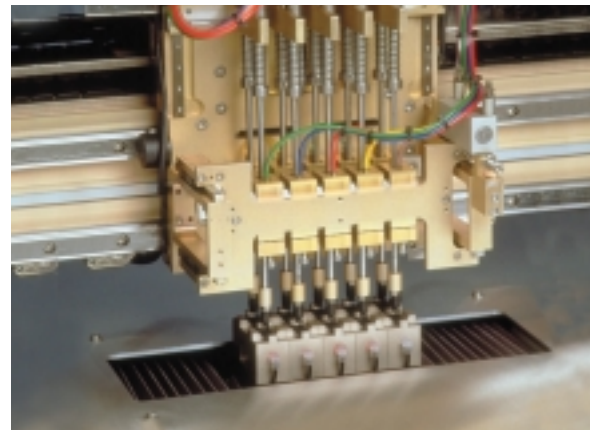
- Configured to fit any device type, socket type and BIB size.
- Input/output accepts JEDEC/EIAJ trays, sleeves, MTE trays and tubes.
- Device sorting-multiple sorting configurations via communication with Oven or Host Computer.
- 4800 Single Head, 4800 Dual Head – designed for large packages and fast conversion times.
- 4800 Five Head, 4800 Ten Head – designed for high-speed applications.

Quick & Easy Package Conversion

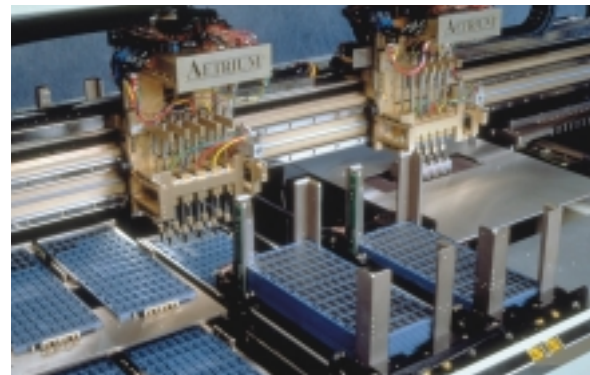
- Single and Dual Head conversion kits installed in less than 5 minutes: Five and Ten Head in less than 30 minutes.
- Handles open top, clam shell, lever, LIF and other ZIF socket designs.
- Operating software conversion libraries allow storage of set up configurations.
- Rotate packages for desired pin 1 orientation.

BIB Functional Enhancements

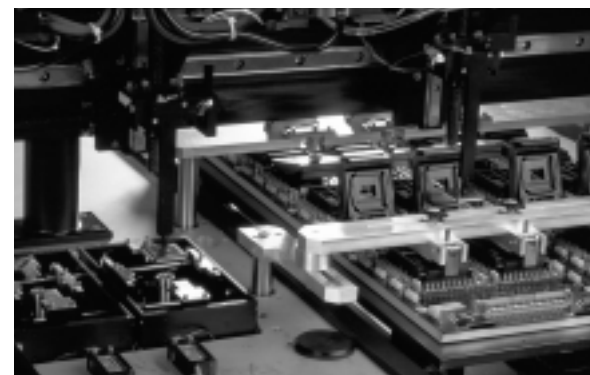
- Stacked BIB Elevator and Trolley – process up to 32 BIBs without operator intervention.
- Automatically detects known faulty socket locations.
- BIB identification using Bar Code, Resistor Array or Diode Array. Tray identification also available.
- BIB test during load.



Ten Head



System with Ten Head, 2 Stacked Trays and 4 Single Trays



Loading BIB with Clam Shell Sockets

Specifications

Applications

Package Types	QFP, TQFP, PGA, LCC, SOJ, TSOP, BGA, uBGA, SOIC, TQFP and CSP
Package Conversion	Less than 30 minutes

Sockets

Type	Open top Clam shell Lever LIF Other ZIF designs
------	---

Input/Output

Input	Stacked JEDEC or EIAJ trays (5.5 inches standard stack height) Sleeves MTE trays Tubes (metal or plastic)
Output	Stacked JEDEC or EIAJ trays (5.5 standard stack height) Sleeves MTE trays Tubes (metal or plastic)
Burn-in Board	Up to 29 inches (74 cm) x Up to 24 inches (61 cm)
Throughput	Single Head – up to 2,000 uph Dual Head – up to 3,000 uph Five Head – up to 7,000 uph Ten Head – up to 18,000 uph
Sorting	Up to 10 physical sort categories (16 software categories)
Device Orientation	Live bug or dead bug

Interface

Oven	
Host Computer	
Test During Load	
SECS II	

Controls

Display	Color User Interface
User Interface	Push-button switch rail and keyboard with integral mouse
System	Windows™ NT operating system

Physical Dimensions

Weight	1700 lbs. (771 kg)*
Height	46 inches (117 cm)*
Footprint	59 inches (150 cm)* x 58 inches (147cm)*

Utilities

Air	80 psig
Power	200 to 240 VAC, 50/60 Hz (Single Phase)

*Varies based on configuration.

Specifications subject to change without notice.



World Headquarters Aetrium Incorporated
2350 Helen Street
North St. Paul, MN 55109 USA
651-770-2000
Fax: 651-770-7975
www.aetrium.com
e-mail: info@aetrium.com