

Reliability & Test Products



*Specialty
High Voltage/High Current
Model ATS-6000*



*Centrifuge
Model 9050*



*Centrifuge
Inserts*



Model 8050



*Fine Leak/Gross Leak
Preconditioning
Model 8000*



*Electromigration
TDDB
Hot Carrier System
Model 1164*



*Bubble Detection
Model 6000*



*NID Gross Leak
Vapor Detection
Model 7000*

AETRIUM®

Experience, Technology, Solutions

IC Testing Solutions

The broadest choice of Reliability & Environmental Test solutions worldwide.

ENVIRONMENTAL TEST

Model 6000 Bubble Detection

- Minimizes fluorocarbon evaporation
- Exceeds Mil Std 883 requirements
- Built-in filtration system
- Adjustable lens for improved viewing
- Available in three different sizes

Model 7000 NID Gross Leak Detection

- Eliminates operator judgment
- Eliminates expensive indicator fluid
- Reduces preconditioning times
- Automation for tube or pick & place

Model 8000/8050 Preconditioning

- Reduced fluorocarbon consumption
- Gross & fine (He) leak preconditioning
- Independent tank operation
- One to four tanks per system
- Stationary or mobile tank chambers
- Compliance with Mil Standards

Model 9050 Centrifuge

- Microprocessor control
- Field proven safe/dependable design
- Fast cycle times
- Easy loading
- Programmable test conditions
- Accepts standard & custom inserts

RELIABILITY TEST

Model 1164 Reliability Test Systems

- Package and water level
- True parallel measurement
- Multiple applications
- Integrated temperature chambers

Model 1164 MOS Hot Carrier Module

- NBTI & BTS
- Vt stability
- Pico Amp measure resolution
- Up to 1280 DUTs per system

Model 1164 TDDB Module

- Constant voltage and SILC tests
- Copper Oxide Diffusion
- Up to 64 different temperatures
- Up to 500mA per structure
- Up to 4096 DUTs per system

Model 1164 Electromigration Module

- Up to 64 different temperatures
 - Copper to 450° C
 - Aluminum to 250° C
- Constant measurement – no scanning
- Up to 200mA, 40V per DUT
- Up to 1024 DUTs per system

Model ATS-6000 Tester

- Solid state or Gas tube protection devices
- Peak voltage up to 2000 Volts
- Lightning simulation & parametric tests
- Real time test results
- Advance testing
 - Custom wave forms
 - High speed peak detection



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