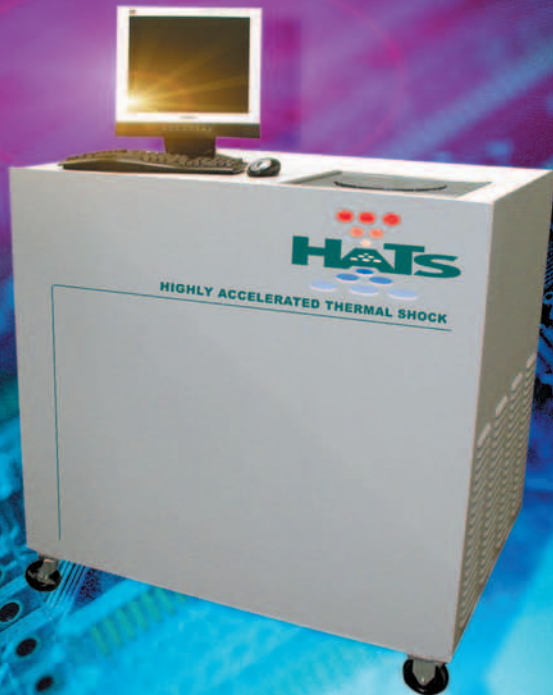


Introducing The Revolutionary Thermal Shock Technology



HIGHLY ACCELERATED THERMAL SHOCK*

- Now in use by the IPC PCQR² Database
- Test services available through independent laboratories
- Systems installed at major US OEM's and international laboratories
- Systems available for purchase/lease

INTEGRATED RELIABILITY TEST SYSTEMS, INC.
1435 ALLEG STREET • ANAHEIM, CA 92805

*Patent Pending



Ground Breaking Test Methodology Saves Time & Money:

- 36 coupon capacity with 4 nets per coupon
- Reduced operating cost over dual chamber systems
- Temperature cycles from -60 to +160C
- Reduced cycle times by 30 to 50%
- Built on existing thermal shock standards

For more information call: **714-765-5527** or visit www.hats-tester.com



IRTSTM
INTEGRATED RELIABILITY
TEST SYSTEMS, INC.



HIGHLY ACCELERATED THERMAL SHOCK

TECHNICAL specifications

PHYSICAL

Case Dimensions 48 x 35 x 45 in. (W X D X H)
Weight 950 pounds

OPERATING ENVIRONMENT

Environment Clean, dry and chemical-free
Temperature 18 to 28°C
Relative Humidity 20 to 65%

UTILITIES

Power 208-230 VAC single-phase, 50/60 Hz, 30 Amp
Air Pressure 80-110 PSIG (5.7 to 7.8 Kg/cm²)
Air Flow Rate 10-16 SCFM (4.7-7.6 liters/sec)
Air Dew Point Less than 10°C at 80 PSIG (5.7 Kg/cm²)
Air Quality Clean, dry air, free of oil, moisture and particles

SOFTWARE*

Environment Windows®
HATS-Test Data acquisition
HATS-AP Data analysis
Analysis Outputs PostScript® and Adobe PDF

DATA ACQUISITION

Bus IEEE-488
Switching CAT High speed switch matrix

TEST FIXTURE

Coupon Size Maximum 1" x 2" (CAT via module compatible)
Coupon Count Maximum 36

THERMAL PERFORMANCE

Range -60 to 160 C (at coupon)
Air Transition Time 30 seconds (-60 to 160°C)
Stability ±2 C (at coupon)

ELECTRICAL PERFORMANCE

Accuracy 2% of resistance value
Precision 2% resistance coefficient of variation
Speed 20 readings per second

CALIBRATION

Software Integrated into HATS-Test
Calibration Cards 36 each

SPARE PARTS

Switch Cards 12 each
Calibration Cards 6 each

CONSUMABLES

8-pin coupon connectors (2 per coupon required)

DOCUMENTATION

Operation and maintenance

* Subject to the "IRTS Terms and Conditions of Sale" and may require an "IRTS License Agreement".



IRTS
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