

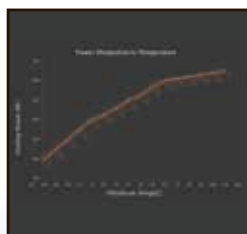
COBRA TEMPERATURE FORCING SYSTEM FOR ATE OR SLT TEST APPLICATIONS



ATE Configuration



SLT Configuration



600 W* at 60°



GUI

COBRA TEMPERATURE FORCING SYSTEM FOR ATE OR SLT TEST APPLICATIONS

Cobra is the most advanced, compact, powerful temperature-forcing system on the market. Cobra is an adaptable solution to the ever-increasing thermal demands of post-silicon validation and device characterization. With a temperature range of -40°C to 150°C, and combining all the benefits of mobility, quiet operation and liquid-free technology, it is designed primarily for SLT applications with long test times using manual device placement. The rack system layout optimizes mass parallelism that can be easily setup and customized to specific user-defined specifications. Cobra is equipped for next-generation product development and IC temperature controlled road map demands.

KEY FEATURES AND BENEFITS

- Compact footprint, < 80 lbs
- Liquid-free operation
- Semi-automation
- Software integration
- High dissipative power without LN2
- User friendly GUI
- -40 to 150°C operating temperature range
- Cost-efficient
- Direct phase change
- Configurable rack mounting
- Universal socket mounting capability

TARGETED APPLICATIONS

- Automotive IC
- Graphic Processors (GPU)
- Application Processing Units (APU)
- AI and data center
- Aerospace and defense
- Implantable medical devices



Dual Head Model

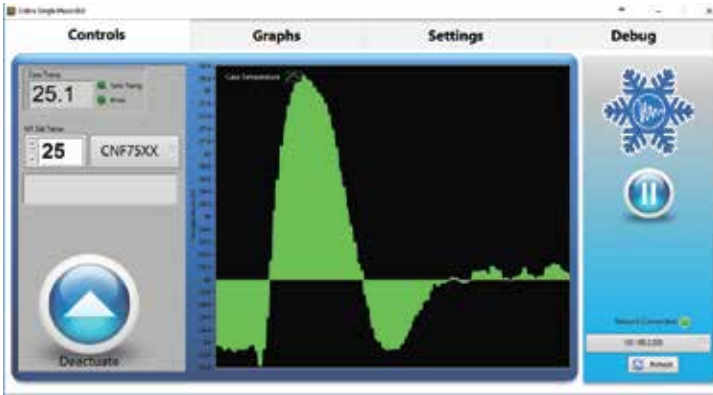


Integrated Purge Control Ventilation



* Under lab conditions.

CONTROL CENTER (GUI)



SPECIFICATIONS

Model	Cobra Single Head Thermal System
System Mechanical Dimensions	579 mm (L) x 360 mm (B) x 394 mm (H)
System Weight	Single head 32 kg; Dual head 41 kg
DUT Dimensions	≥ 3x3 mm to 67x67 mm
Contact Force	≥ 100 kgs (Changing the pneumatic cylinder can increase/decrease the socketing force)
Temperature	-40°C~ 150°C Accuracy : 1°C with no load; ±3°C with load
Temperature Transitions Rates	25°C to -40°C in <3minutes 25°C to 125°C in <2 minute
Communication	TCP/IP, RS232, GPIB
System Requirements	Power: 115 V / 60 / 50 Hz Single Phase, 15 A Max (Stepdown Transformer needed for 220 / 208 V) Ambient temperature : (5°C to 30°C)

All specifications are subject to change without notice.

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