



# Hybrid Burn-in Tester

## ATE Features for the price of a Burn-in system

### Main Features

Incal Technology's new Hybrid Tester is a low cost burn-in system. It provides 56 Burn-in slots and a 16-slot ambient cool-down rack. Each slot has a driver assigned to it. The newly-designed driver has a on-board controller for biasing, driving, and monitoring. The easy-to-use Tracer software assists the user in writing patterns, configuring the bias, drive, and monitor channels, and to control the oven. Results can be monitored on GUI, or in report files. Incal supports XML for all file formatting, resulting in easy integration.

### Tracer Software

- Easy setup/control/monitor
- Automated process minimizes human errors
- Advanced burn-in algorithms
- Color-coded real-time fail monitoring
- Process reports
- Pattern Editor/ Serial Editor/ Setup Editor/

### Drive Channels

- Both rails programmable
- VOH: 0V to +12V
- VOL: -3.5V to 0V
- 100mA drive
- Shorts monitoring
- Programmable Frequency
- Programmable duty cycle
- Programmable pattern

### Monitor Channels

- Any of the 96 channels can have four types of monitoring:
  - Frequency
  - Sign Of Life
  - Voltage
  - Vector Compare
- On-board controller handles all monitoring in parallel.

### Power Supplies

- +12V to -12V for Low V
- 0V to 800V for High V
- Upto 100W per slot
- Voltage/Current read back
- Under/Over Voltage
- Under/Over Current
- Per DUT current Monitoring



## INCAL TECHNOLOGY

47613 Warm Springs Blvd.  
Fremont, CA 94539, US  
Phone: (510) 657-8405  
Fax: (510) 657-2130  
[www.incal.com](http://www.incal.com)