

# The Celadon Advantage

Celadon Systems, Inc. was founded to satisfy the semiconductor industry's need for high accuracy device characterization and for monitoring wafer level reliability tests over many sites over a long period of time.

Today, with the growing number of devices utilizing nano-technology and with cost pressures to be as efficient and cost-effective as possible, Celadon is making significant investments into innovative new products, customer service and technical support. All geared to help customers deliver technology on time and on budget.

## ENGINEERING AND MANUFACTURING COMPETENCIES

- ❑ Ceramics for Probe Card Design
- ❑ Parametric Systems
- ❑ Ceramic Based Probe Cards
- ❑ Probe Card Positioning Systems
- ❑ Parametric Cables and Interconnect Systems
- ❑ WLR Probing Systems
- ❑ Thermal Probing

## CORE PRODUCT PERFORMANCE CAPABILITIES

- ❑ Implantable Ceramic Probe Holding Substrates – can be added to PCB's
- ❑ 1 Femto Amp Ultra Low Current, Low Noise Probing Systems
- ❑ Low Current, Low Noise Cabling Systems
- ❑ Wide Temperature Range of -65°C to 400°C
- ❑ Crash Resistant Probing Products
- ❑ Innovative Line of Easy-to-Rotate and Easy-to-Planarize High Stability Modular Probe Card Holders – for flexibility and small pad probing
- ❑ VersaTile™ and MiniTile™ Positioner-based probe card solutions – to save on switchover time from individual positioners to eliminate time needed to install probe card holders
- ❑ Multi-Site and Parallel Test Probe Cards – for increased throughput
- ❑ 300 Amp Kelvin and Quasi Kelvin High Current Probe Cards – for extended test capability
- ❑ Probing 40 micron square pads with one card over 300°C temperature range – eliminating the need for multiple probe cards

