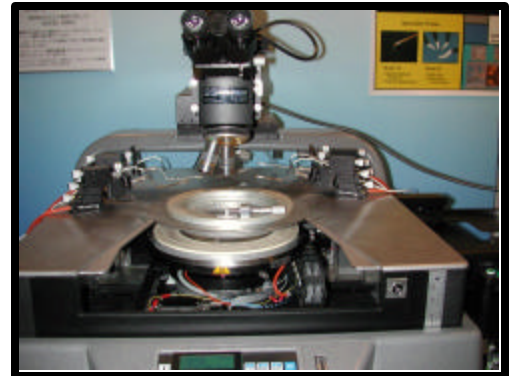


Integrating Celadon Probe Cards to Micromanipulator Probe Stations

Product Guide

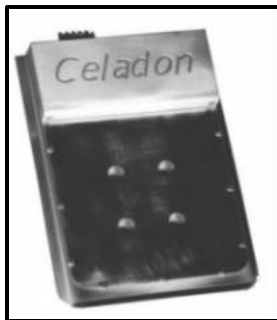
Celadon High Performance Probe Cards provide high temperature (-65 to 300 degrees C), low leakage (less than 5 fA) single and multi-site probe capability for use in device characterization, electromigration, TDDDB, hot carrier, wafer level burn-in and other parametric and reliability test applications.

Celadon Probe Cards are available in multiple configurations, from standard 4.5" wide rectangular to 300 mm round. Individually adjustable, multi-tile systems are also available. With any of these standard configurations, single sites may be probed, or multiple sites per wafer may be probed simultaneously.

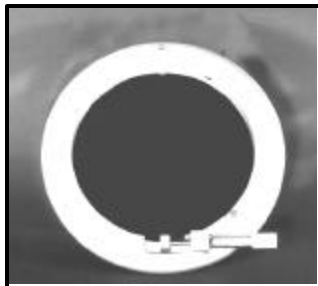


220 mm multi-site card on 9920 (300mm) probe station

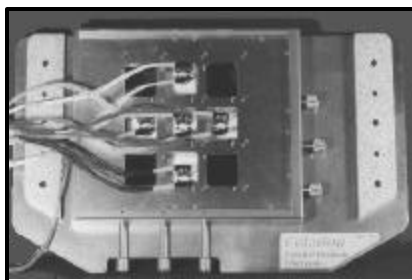
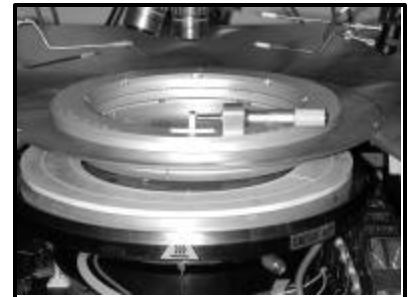
Probe cards may be mounted to Micromanipulator Probing Stations in a number of ways.



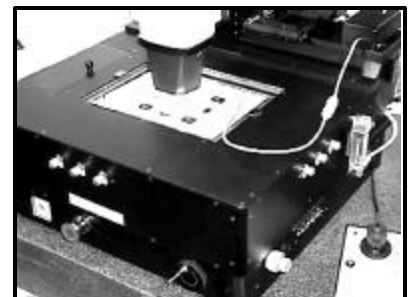
<< **Standard 4.5" and 6" rectangular cards** mount to standard probe card holders **6700-FPC-FRX and 8800-FPC-ADJX** >>



<< **Celadon's 160 mm and 220 mm round cards** may be mounted using the probe station's standard platen ring and Celadon's probe card holder. >>

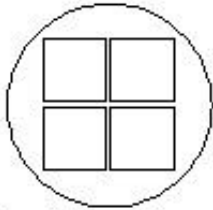


<< **Multi-site, adjustable tile systems** may be mounted to a standard probe station platen or integrated to create a **application specific configuration** such as our **Copper Electromigration Probe station** >>

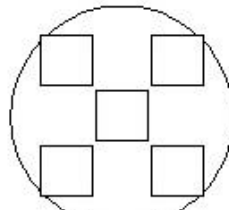


Integrating Celadon Probe Cards to Micromanipulator Probe Stations

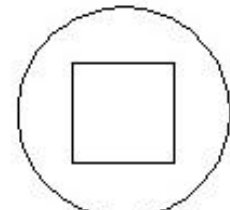
Celadon High Performance Probe cards are available in various configurations



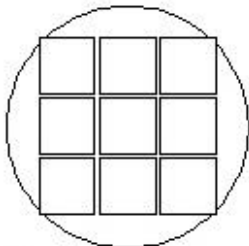
Four 46 mm Tiles over
150 mm wafer



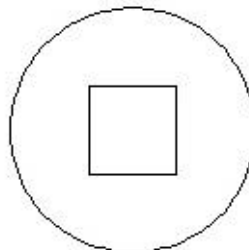
Five 46 mm Tiles over
200 mm wafer



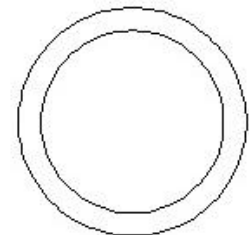
72 mm Tile over 150 mm
wafer



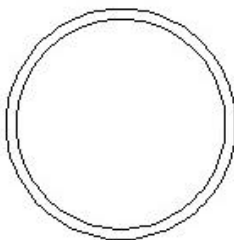
Nine 46 mm Tiles over
200 mm wafer



72 mm Tile over 200 mm
wafer



160 mm tile over a 200 mm
wafer



220 mm tile over a 200 mm
wafer

*Contact Celadon at (952) 746-6222 or
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