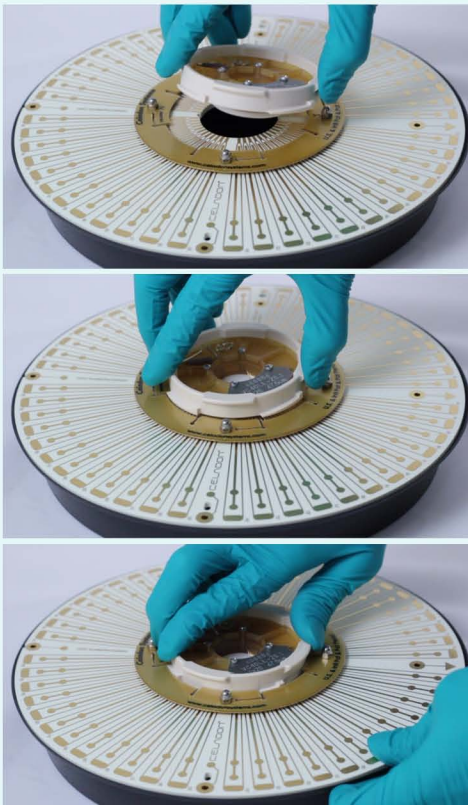
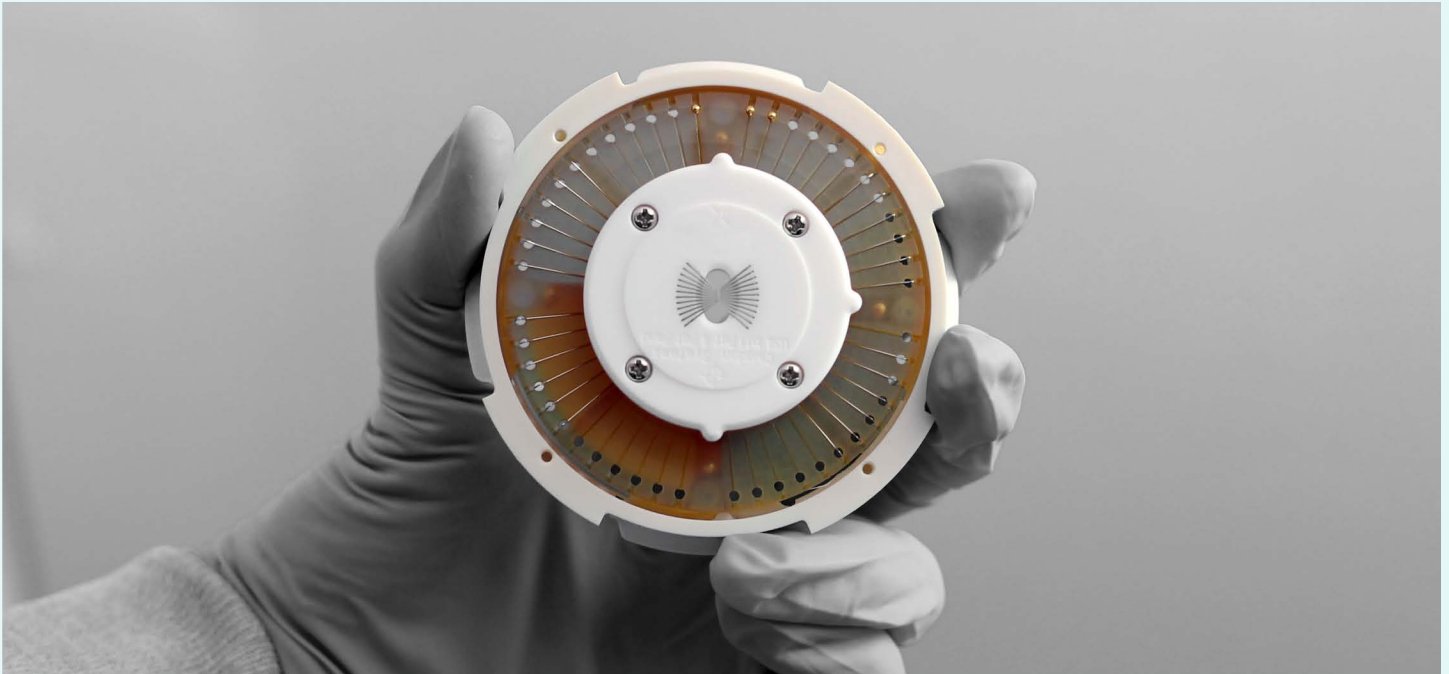


VERSACORE™

PARAMETRIC TEST



The Celadon VersaCore™ delivers outstanding electrical performance in a compact, cost efficient, and easily maintained package.

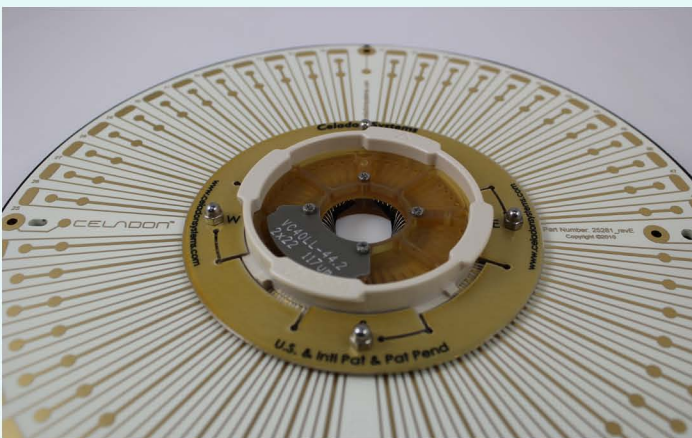
VersaCore™ probes can quickly settle to <1 fA/V, making them invisible to the test system. The geometry of the probe tips make them easy to keep clean so they can continue to perform at the highest level.

When tips wear out, replace only the probe core - not the entire card. Cores are easily changed out of the motherboard with the twist-and-lock design.

An easy-to-use invisible test component for the lowest cost-per-touchdown - the VersaCore™ from Celadon.



The motherboard for the Keithley S600.



Probe layouts can be configured in a single direction, or in four compass points around the core.

ELECTRICAL CHARACTERISTICS

- Leakage < 5 fA/V at 25°C at 10 seconds
- Leakage < 50 fA/V at 100°C at 10 seconds
- Leakage < .5 pA/V at 200°C at 10 seconds

MECHANICAL CHARACTERISTICS

- Maximum number of Probes: 48
- Tip radius: .0063mm standard; .0125mm and .025mm and others available
- Shape: polished round
- Minimum pitch: 50 microns
- Probe material: Tungsten Rhenium (WRe) standard, other materials available
- X-Y accuracy: 10% pad size standard
- Z accuracy: +/-5 microns standard
- Wafer test operating temperature range: -65° to 200°C
- Probe card storage temperature range: 10° to 80°C
- Weight: .25 kg
- Core diameter: 76mm

ACCESSORIES

- A Condensation Cover is available for the 4080 motherboard, which minimizes moisture when testing in high humidity test conditions.

ORDERING

VersaCore probes are ordered in the general format:

VC40LL-xx.1

- VC40LL refers to the card, available as either VC40LL (low leakage) or VC40AF (AttoFast™)
- xx refers to the number of probes (01-48)
- .1 refers to the number of sites (1 standard)
- A motherboard is needed for each tester and is ordered separately. Motherboards are available for either the Keithley S600 or Agilent 407x/408x test systems.

CELADON™

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