

## PERFORMANCE ENHANCEMENTS

### Sustainable Solutions is Our Ongoing Commitment

Concept Part Solutions is dedicated to extending the lifetime of your maturing semiconductor manufacturing equipment. As your toolsets age and new processes emerge, we pursue every opportunity through our Continuous Improvement Program (CIP) to offer important enhancements that increase the reliability, productivity, and performance of your install base.



**MV200, 776, 676**

## Non- Contact Edge Gap Measurement Kit

**Concept Part Solutions is committed to improving the sustainability of the MV200 system. Proven enhancements, originally developed by the OEM, are available for the CMP tool sets. CPS offers a Non-Contact Edge Gap Measurement kit that will help reduce maintenance requirements for the MV200, 776, and 676 toolsets.**

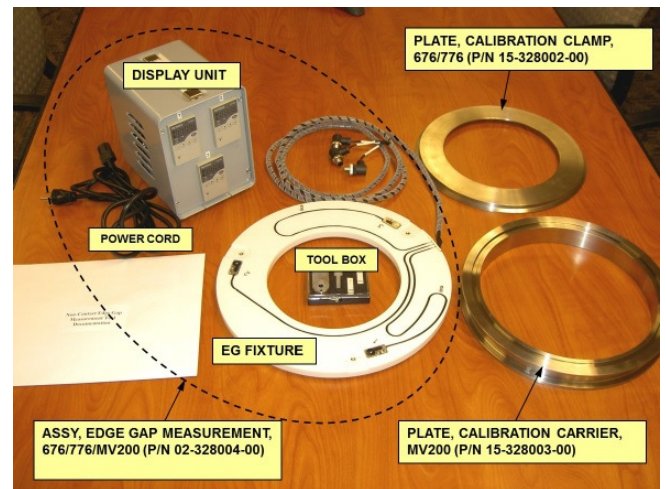
### Reduces Maintenance Time

In order to produce high-quality processed wafers, proper set-up of the polishing head on the 676, 776, and MV200 tools is vital. Ensuring proper edge gap and wafer-to-polishing head parallelism has required repeated inspection and labor-intensive calibration procedures. To address these issues that affect tool availability, CPS is offering the Non-Contact Edge Gap Measurement Kit.

The kit includes components that allow for rapid and routine wafer-to-polishing head calibration. Novellus customers who implemented using the Non-Contact Edge Gap Measurement Kit benefited from the >80% reduction in maintenance hours as well as a much greater consistency in batch-to-batch polishing.

### Improved Repeatability

The Non-Contact Edge Gap Measurement kit replaces the adjustable stainless steel blocks and calipers currently used for polishing head set-up with an electronic, non-contact, sensor array. The array cuts the calibration time by over 80% and provides for an order of magnitude improvement in repeatability.



### Benefits

- Reduces inspection and maintenance time
- Increases tool availability
- Reduces calibration time by up to 80%
- Provides an immediate return on investment



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MV200, 776, 676

## Non- Contact Edge Gap Measurement Kit

### Get More Information on System Performance Enhancements

To find out how to improve the performance and productivity of your CPS supported systems, call your local CPS Sales and Service Office for complete ordering information, or visit [www.conceptpartsolutions.com](http://www.conceptpartsolutions.com).

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### System Prerequisites:

None

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### Ordering Information:

NON-CONTACT Edge Gap Kit for:

676 / 776 / MV200	04-328009-00
MV200	04-328008-00
676 / 776	04-328006-00

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Some Upgrades may require an audit of your System; Contact your local CPS Representative to verify the Upgrade Kit before ordering.