

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.



Concept One Dielectric

Enhanced Pressure Meter Upgrade



Concept Part Solutions is committed to the long-term sustainability of its licensed product portfolio. Broadening the capabilities of existing subassemblies is a vital component of this commitment. CPS is pleased to announce its release of the Enhanced Pressure Meter Upgrade.

When initially designed by the OEM, the C1D Pendulum Valve was programmed to never display a negative chamber pressure, even if the chamber manometer produced a negative reading; this issue could result in process issues due to inaccurate pressure readings.

The C1D Pressure Meter enhancement compliments the Pendulum Valve by providing more precise readback from the chamber manometer. Incorporating this capability allows leak back tests to be completed in the < 10 mTorr range and makes pressure calibrations more accurate for the end user. CPS has incorporated an alarm mechanism to alert end users if the chamber manometer is producing a negative reading. (Note: Alarm does not automatically abort the tool like the old AC-2 Adaptor, which would potentially cause wafer scrap. Instead, the new meter will alarm, allow the tool run to complete its process, and then the chamber manometer can safely be zeroed without interrupting the production run.

The C1D Pressure meter comes fully assembled and is programmed for direct replacement on your tool set. Simply change out the meter panel, hook up the new cable, and zero settings.

Benefits

- Alarms when chamber manometer produces a negative reading
- New gauge displays in mTorr range providing precise pressure readings to the < 10 mTorr range
- Easy to install, setup, and operate



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Concept One 150mm and 200mm
Pressure Gauge Upgrade

**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.

System Prerequisites:

- Pendulum Valve Upgrade (PN 05-346895-XX must be Installed)

Ordering Information:

Kit, Pressure Gauge Upgrade

CPS-04-10129

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