

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.



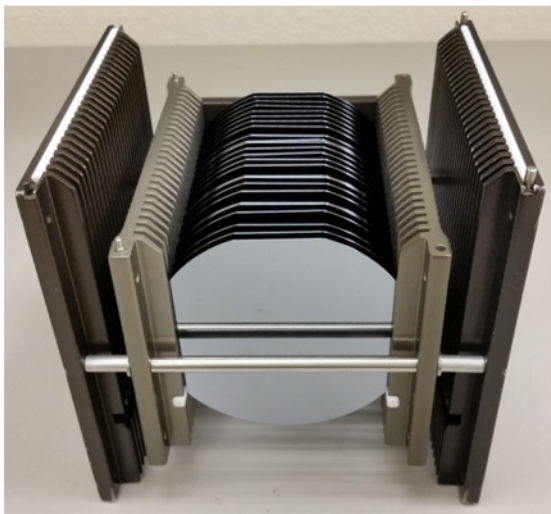
Concept One Dielectric

4" Nested Cassette



Equipment efficiency is critical to success in today's highly competitive chip manufacturing environment. CPS strives to provide enhancements that will improve tool availability. The 4" Nested Cassette provides for the processing of both 4" (100mm) and 6" (150mm) wafers with no changes to the equipment hardware.

Customers that require processing of both 4" and 6" wafers understand the difficulty of converting C1D hardware to allow for processing of different wafer sizes. Oftentimes, end users have to dedicate systems for each wafer size, significantly impacting the efficiencies of their fleet or creating long idle times for R&D facilities. The 4" Nested cassette eliminates the aforementioned inefficiencies by using a 6" cassette housing for 4" wafer processing. Now end users can process both 4" and 6" wafers on a tool with no interaction or changes to the equipment hardware. The 4" Nested Cassette provides an immediate benefit for customers running both 4" and 6" wafers.



Upgrade Benefits

- Immediate availability of system for customers needing to process both 4" and 6" wafers
- Long equipment wait times eliminated; no need for reconfiguration of system hardware
- Significant improvement in system availability and factory efficiency



Corporate Headquarters
Concept Part Solutions, Inc.
2047 Zanker Road
San Jose, CA 95131
Tel: 408.855.8585
www.conceptpartsolutions.com

Concept One 150mm and 200mm
4" Nested Cassette

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:

- System must be configured for 6" wafer processing
- Load Lock PN 16-72159-00 Rev J or later is required if using WOPS. Contact your local CPS representative for systems with Load Locks built prior to 1995.

Ordering Information:

4" Nested Cassette Assembly

CPS-20341

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