

PERFORMANCE ENHANCEMENTS

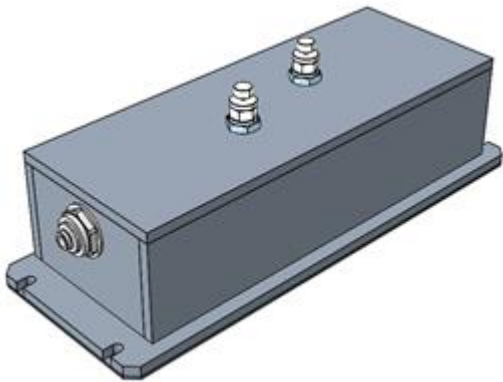
Sustainable Solutions is Our Ongoing Commitment

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 Spindle Lift Motion Control



Controlling Spindle UP/DOWN motion on the Concept One system is difficult, especially after replacing the spindle assembly or associated parts. To address this issue CPS is releasing the Enhanced Spindle Lift Motion Control upgrade.

Reducing wafer scrap is a primary goal for manufacturers. System wafer handling inherently contacts customer product; finding ways to improve this equipment / product interface is vital in helping reduce End User costs caused by product scrap.

The Enhanced Spindle Lift Motion Control upgrade helps to decrease scrap events caused by wafer mishandling during movement in the process chamber, and from spindle tine contact on the wafer backside when lift motion is too rough. The enhancement is especially helpful for manufacturers that deposit on both sides of the wafer. The Enhanced Spindle Lift Motion Control module is low cost and easy to install and setup.

Benefits

- Precise control of C1D spindle up and down motions
- Reduction in wafer mishandling events
- Defect reduction due to spindle fork contact on backside of wafer
- Easy to install, setup, and operate



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Concept One 150mm and 200mm
Enhanced Spindle Lift Motion Control

**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:

- None

Ordering Information:

Enhanced Spindle Lift Motion Control

CPS-20737

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