

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

RF Enclosure Assembly



The upgraded Concept One RF Enclosure Assembly enhances the maintainability of the system and reduces the potential for safety incidents that can occur during routine maintenance.

The C1 D tool has historically used a round two piece RF enclosure. To work on the RF components inside the enclosure, the RF match and the RF enclosure top plate and barrel have to be removed by lifting high above the RF distribution assembly. This awkward lifting can lead to safety issues to maintenance personnel, most notably strains and pinch points.

The new RF enclosure has removable panels on both sides of the assembly for ease of access to the RF components during PM and corrective action work. Interlock switches are installed on both panels to interlock the gas delivery and RF systems.

The enhanced RF Enclosure is retrofit-able to systems currently installed at factory sites; the upgrade has been fully tested on the applications tools using standard BKM recipes. Process performance is transparent and matches all current enclosure performance. The new enclosure assembly meets all current safety standards and meets the OEM recommended RF leak check standards. The RF enclosure will work with any process or hardware released that already uses Trazar or AE matches.

Upgrade Benefits

- Reduces chance of strains from removing parts
- PM access improved
- Reduced Labor Costs



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**Concept One 150mm and 200mm
RF Enclosure Assembly**

**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:

RF Enclosure Assembly

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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.

Market Sheet PN CPS74-000173-00 Rev. B