

# 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

CONCEPT ONE PRODUCT UPGRADES

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Concept Parts Solutions (CPS) is fully authorized and approved by Lam Research Inc.; CPS is the only company licensed to provide original OEM parts, upgrades, and service for the Novellus Concept One and GaSonic Legacy Asher platforms.

For pricing, quotations and ordering guidance, or for additional information, please contact:

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