

➤ Spherical Chambers



Standard Features:

- 304 stainless steel hemisphere x 3/16" wall
- Flanges are CF (knife-edge or ConFlat® style), with through-holes
- Each port's center-line passes through the sphere's center point
- Sphere is bakeable to 400° C when fitted with copper-gasketed blank flanges and pumped
- Metal Seal chambers are capable of reaching Ultra High Vacuum (UHV) levels
- Part numbers below ending with EP have electropolish finish inside and outside

Available Options:

- Replace CF port with KF style port and/or add additional flanged ports
- Standard frames— extruded aluminum and carbon steel



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Vacuum Chambers

O.D.	Material	Ports	Approx. Weight	Part No.	Price
12"	304 SS	(4) 8.00" CF, (2) 6.00" CF, (1) 4.50" CF, (4) 2.75" CF	52 lbs.	SP1200S	Call
12"	304 SS	(4) 8.00" CF, (2) 6.00" CF, (1) 4.50" CF, (4) 2.75" CF	52 lbs.	SP1200SEP	Call
18"	304 SS	(6) 8.00" CF, (1) 6.00" CF, (4) 4.50" CF, (8) 2.75" CF	97 lbs.	SP1800S	Call
18"	304 SS	(6) 8.00" CF, (1) 6.00" CF, (4) 4.50" CF, (8) 2.75" CF	97 lbs.	SP1800SEP	Call

Spherical Chamber Accessories

Description	O.D.	Material	Compatible Frames	Approx. Weight	Part No.	Price
Frame Mounting Adapter Ring	14"	304 SS	FRMA-S001-A, FRMA-S001-B, FRMA-S001-C, FRMC-S001-B, FRMC-S001-D	14 lbs.	SPMGFGS	Call

* Adapter ring required to mount 12" or 18" spherical chambers to standard frames.

NOTE: Please contact chambers@lesker.com with your specific requirements for a customized chamber quotation.



NOTE: For our standard chambers please refer to www.lesker.com for downloadable Adobe PDF 2D Dimensional Drawings, Engineering Files in DXF (2D), STP (3D) formats, and interactive 3D models which enable users to rotate, zoom, and much more.