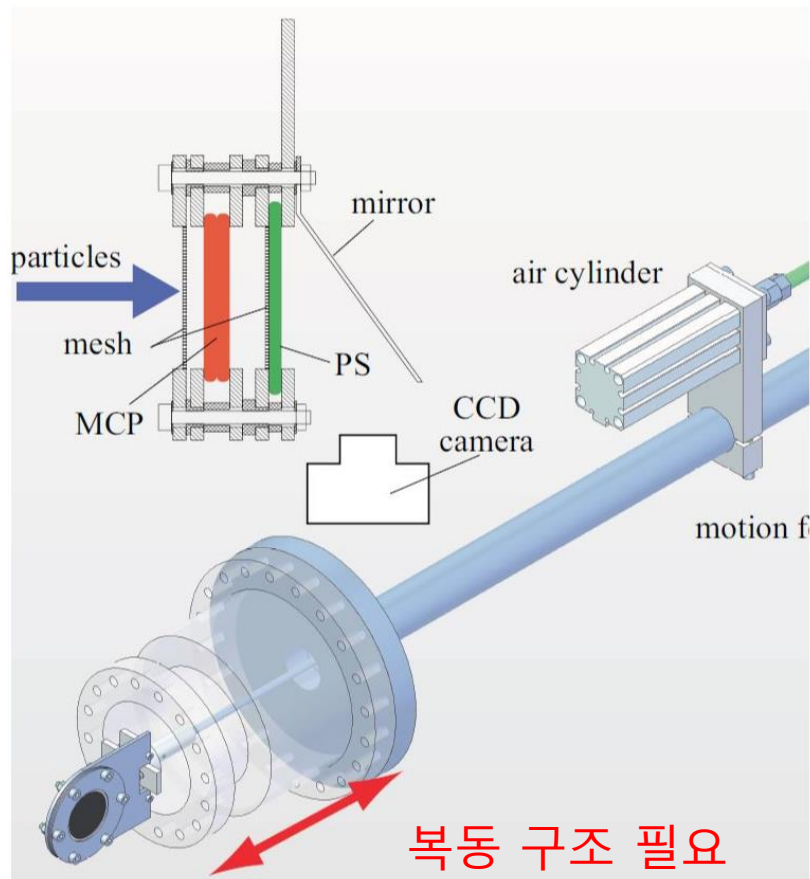


20190222 Meeting

Korea University
Lim. Eunhun



예상 구성도

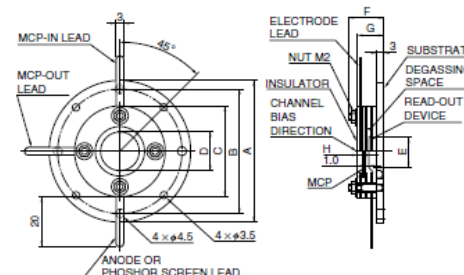
2 stage MCP를 이용해 빔 증폭 후
PS로 빔 shape 측정

Item	Model
MCP	F2224
PS	P43
Chamber	6inch 6way

Cylinder 구조 및 Mirror는 별도 제작 예정

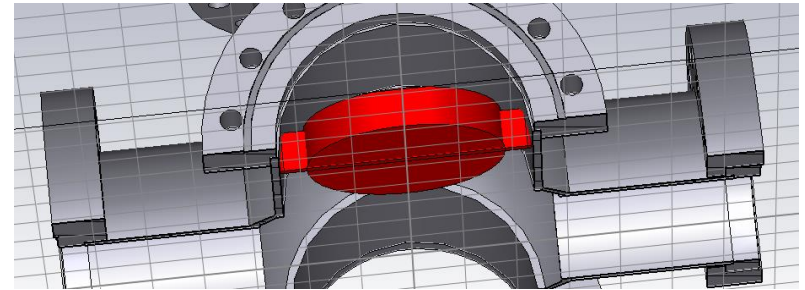
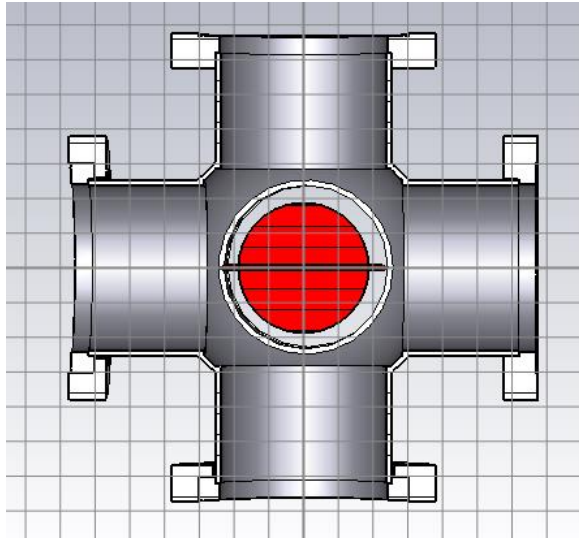
Circular (Demountable)

Perform the vacuum baking under 150 °C while keeping the exhaust system at a vacuum pressure below 1.3×10^{-4} Pa.

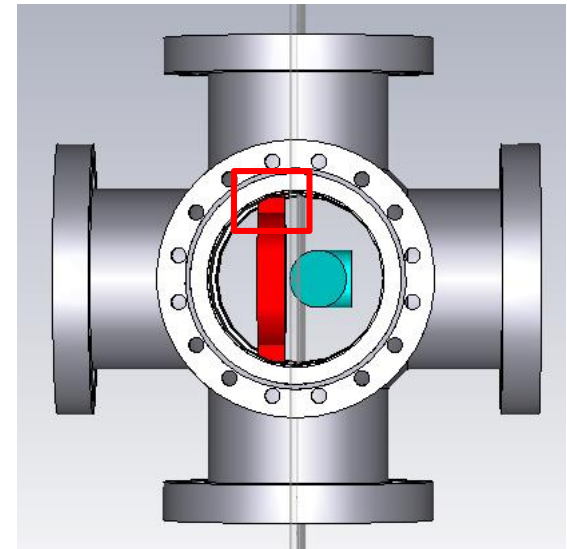
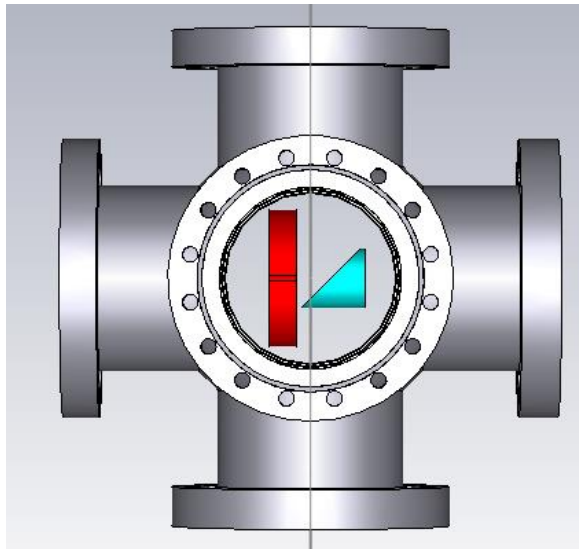


Anode type		Number of MCPs						
Without readout device		1 to 3						
Single anode								
Multianode								
Phosphor screen		1 to 2						
Item	Description	F2221	F2222	F2223	F2224	F2225	F2226	Unit
A	Assembly outer size	φ54	φ61	φ69	φ75	φ86	φ123	mm
B	Mounting screw hole pitch	φ46	φ53	φ61	φ67	φ78	φ115	mm
C	Insulator outer size	φ34	φ41	φ49	φ55	φ66	φ103	mm
D	Effective area	φ14.5	φ20	φ27	φ32	φ42	φ77	mm
E	Effective area of readout device	φ10	φ17	φ24	φ30	φ40	φ75	mm
F	Maximum height	15	15	15	15	15	17	mm
G	Distance from bottom of substrate to insulator surface	No. 1	10.9		12.9		14.4	mm
		of 2	11.9		11.9			
H	Distance from MCP input surface to insulator surface	No. 1	2.8		3.8		4.3	mm
		of 2	3.3		4.3			
		MCP 3	2.9		4.8			

Shape may differ depending on product type number.

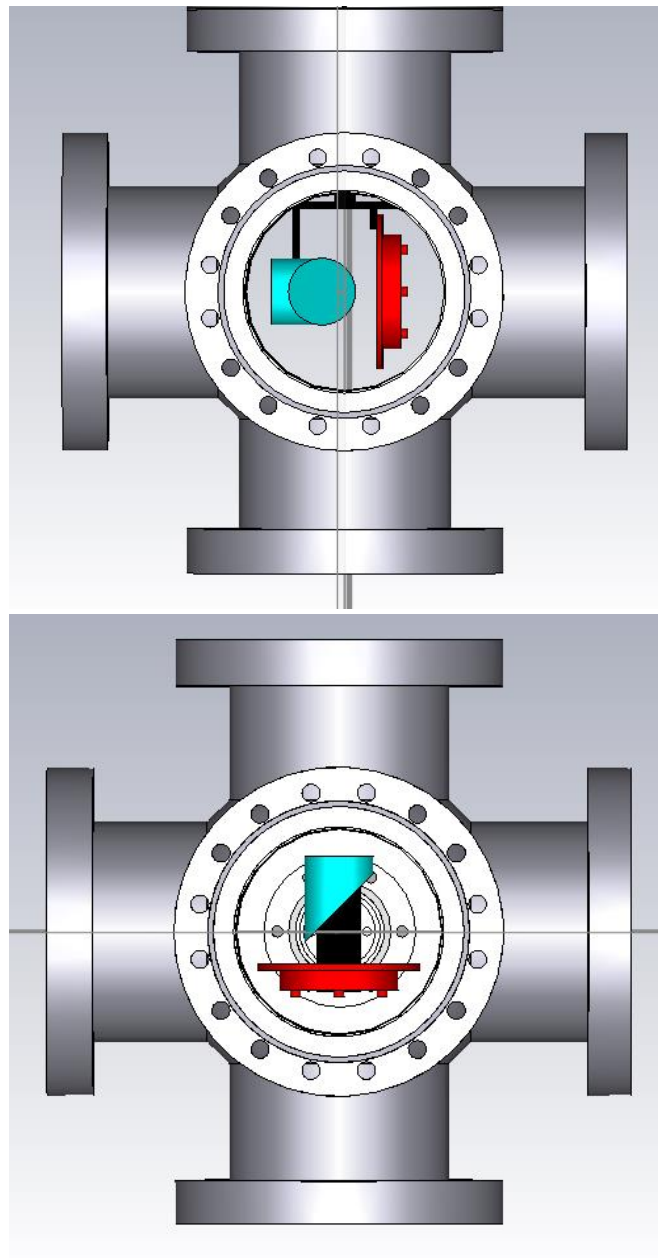
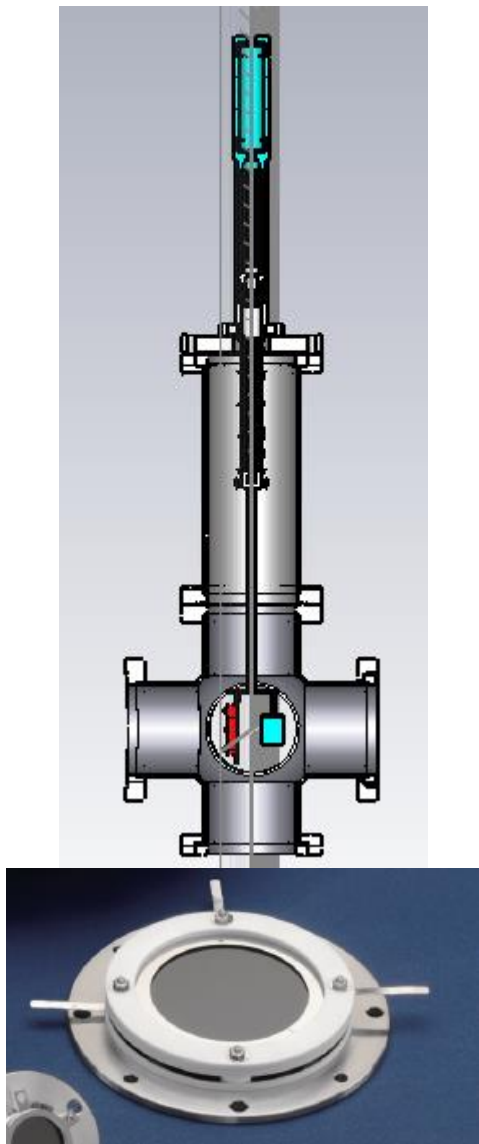


Lead 선이 있을 경우 위아래 움직일 시 Chamber에 닿음
Mirror가 들어가기 때문에 센터를 약간 벗어남



Mirror 삽입 시 예상

MCP



Lead 선 수정 시 6inch
chamber 내 공간 가능

-> 기술 협의 중

Chiller



구분/모델		SJ-01A	SJ-02A	SJ-03A	SJ-05A	SJ-075A
압축기정격출력 Kw		0,75	1,5	2,2	3,75	5,6
펌프용량 Kw		0,4	0,4	0,75	0,75	1,1
토출량 ℓ /min		55	55	80	120	150
냉각능력 Kcal/h		2,800	5,500	8,500	15,000	22,500
최대토출압력 Kg/cm ²		2	2	2	3	3
중량 Kg		80	130	170	150	250
탱크용량 ℓ		17	23	33	80	120
냉매		FREON R-22 & I				
총소비전력 TOTAL (Kw)		1	2	3	5	7
외형치수 (전면)	L	450	450	510	600	650
	W	580	580	700	1,110	1,450
	H	1,200	1,200	1,300	1,430	1,520

~5월 중순까지 사용가능
Fitting/Line 등이 없음

Chiller SJ – 7.5A

Thank You