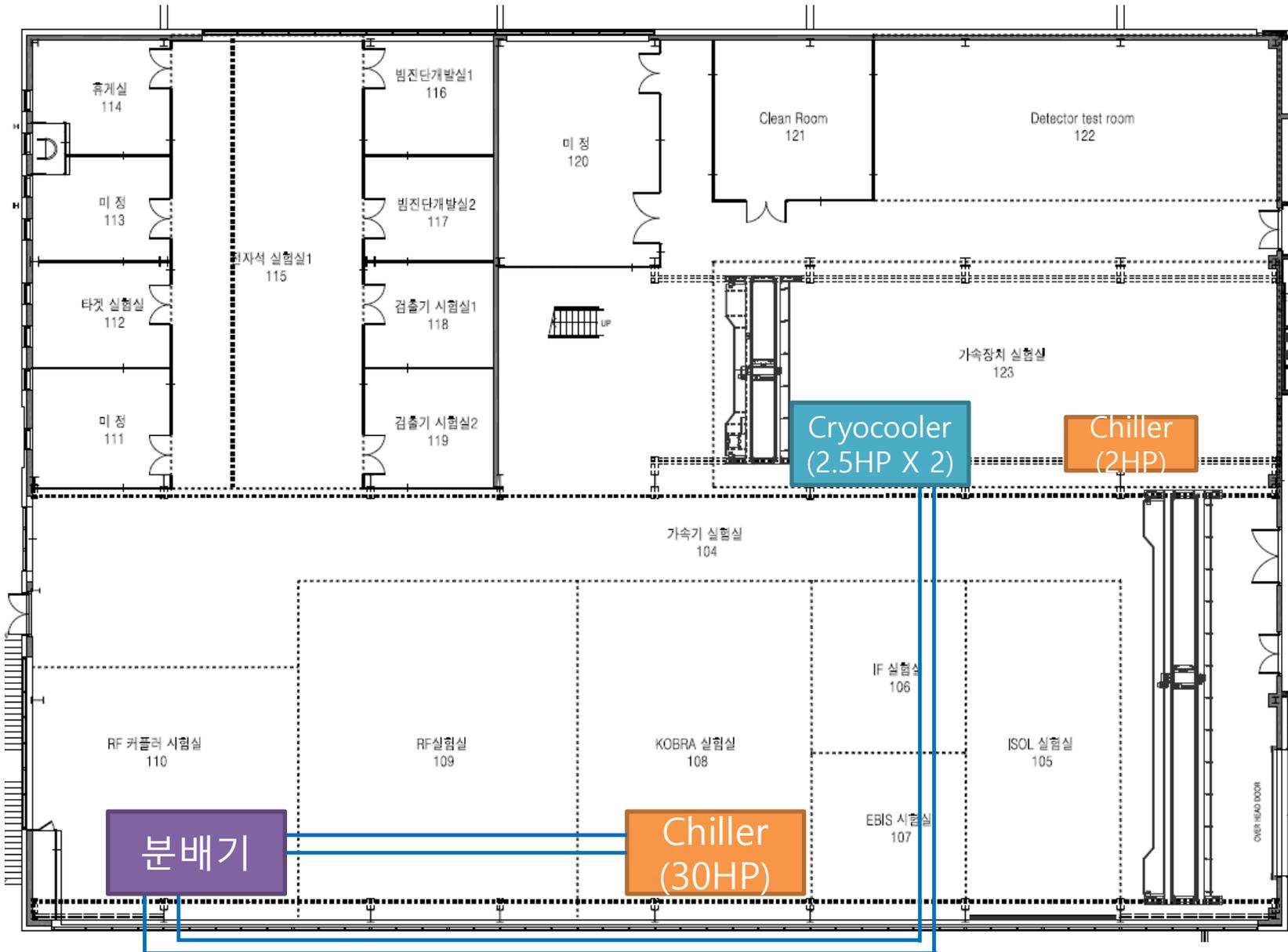


Cyrocooler Chiller



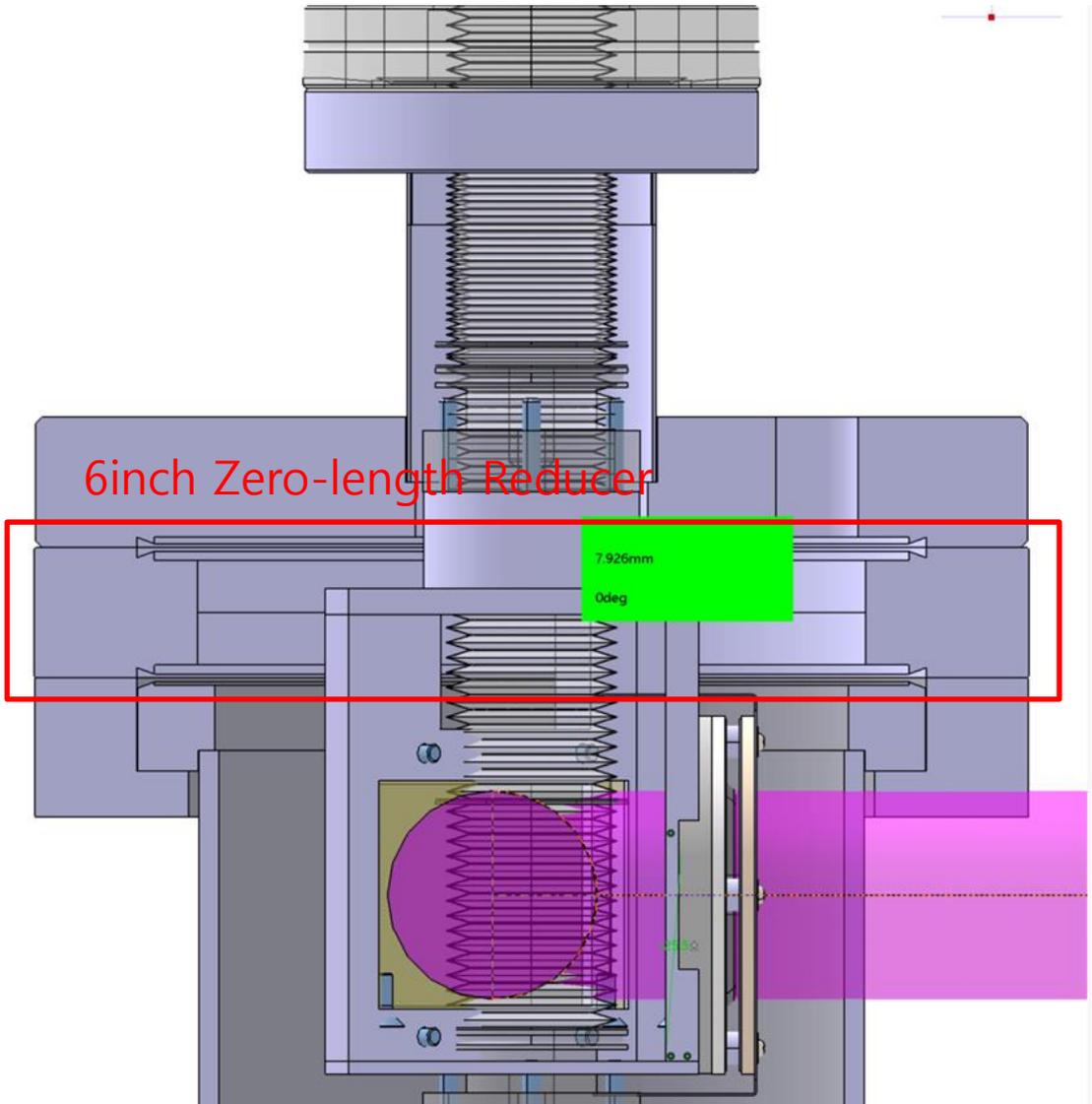
Cyrocooler
1개는 Cooling이 가능 / 2개는 불가
(유속 문제로 파악)

Cyrocooler - 7~10L/min(2.5HP) 필요

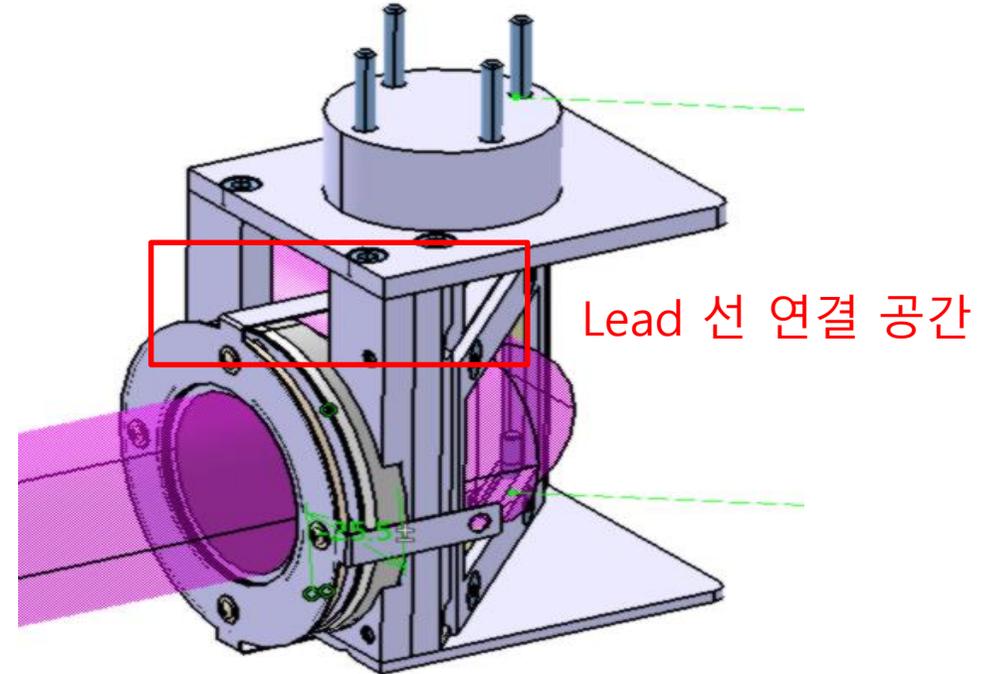
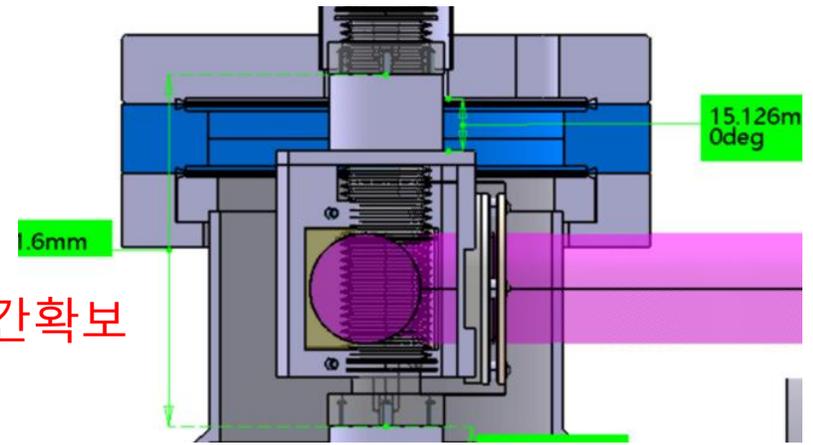
- 1) 분배기에서 1line 더 가져오기
- 2) 보유중인 Chiller 사용(2HP)
- 2시간 정도 사용가능 예측

EBIS Chiller의 분배기에서
1 line(input/output) 가져옴
12pi tube - 120m 사용

MCP Mount

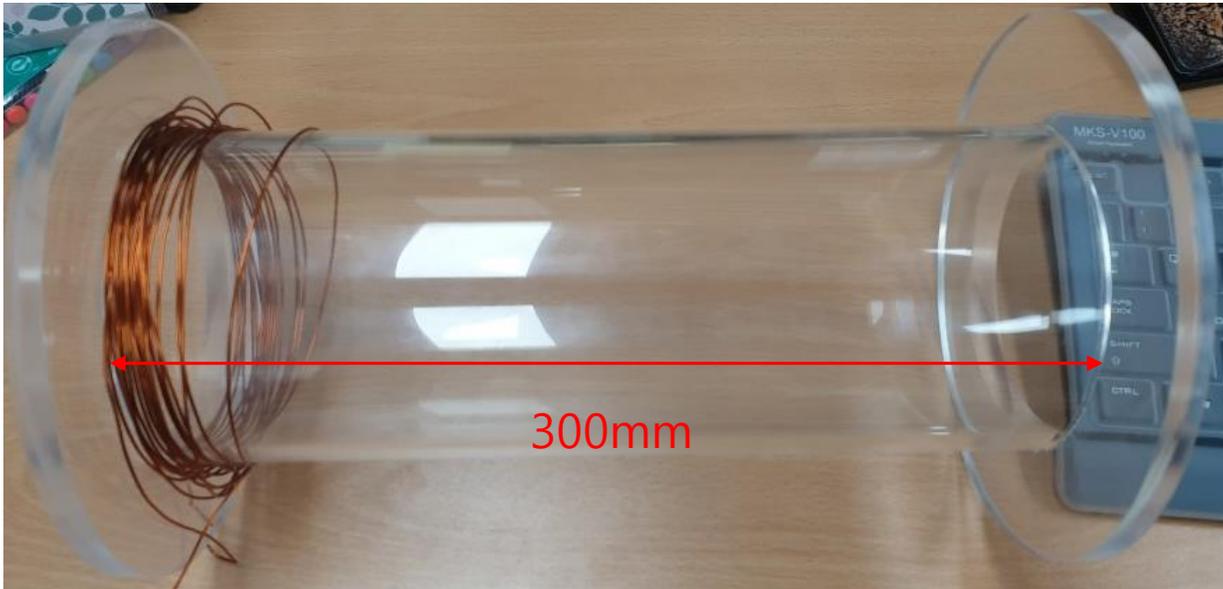


Y-axis 공간확보



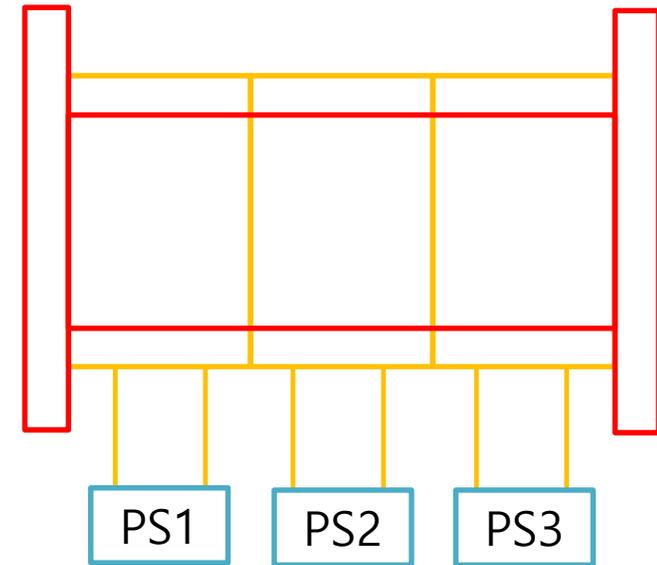
Trap Coil

- $\therefore \frac{mv}{qr} = B = \frac{\sqrt{28.8 \times 10^{-48}}}{8 \times 10^{-22}} = 0.67 \times 10^{-2} T = 67 G$

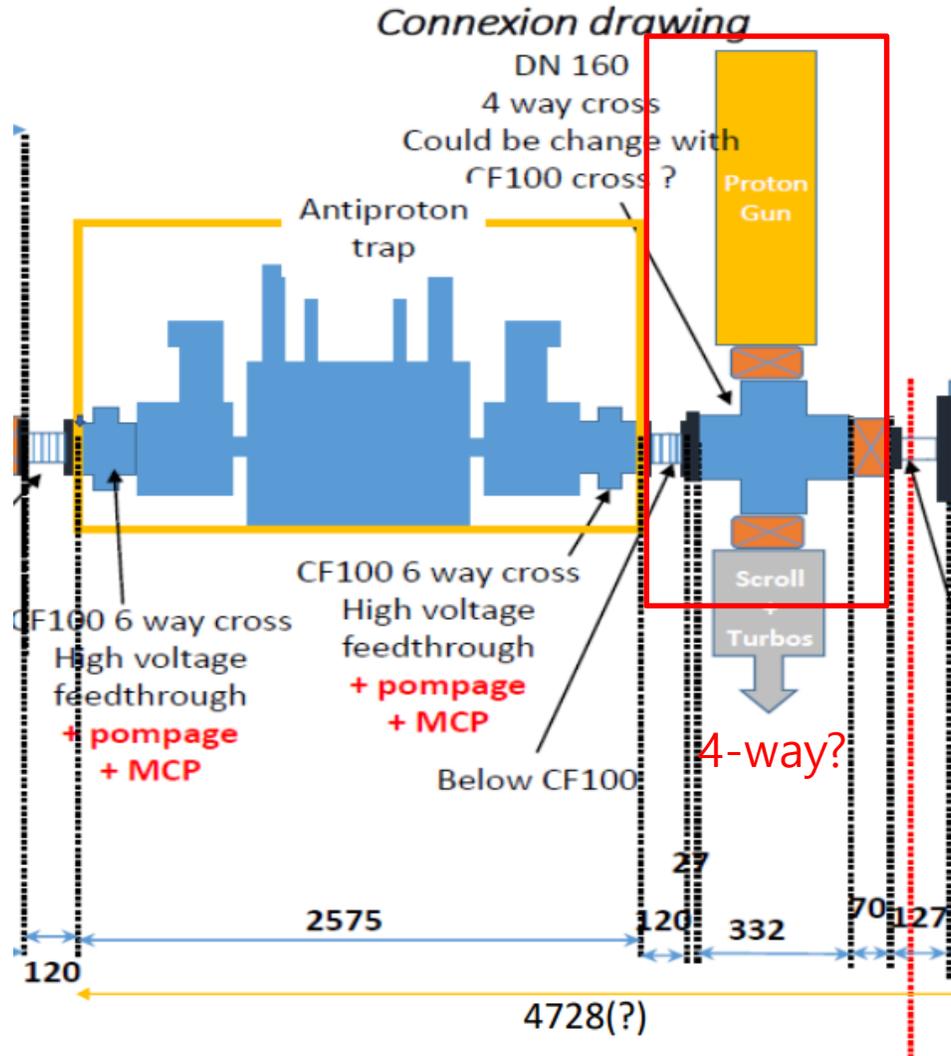


Coil 감는 중

200~300mm 영역 내 67G가 목표



Electron gun



4keV / ?mA

- 에너지 결정 이유?

Bending Magnet

- 마그넷/챔버 등은 별도 준비?