

Coil for trap test

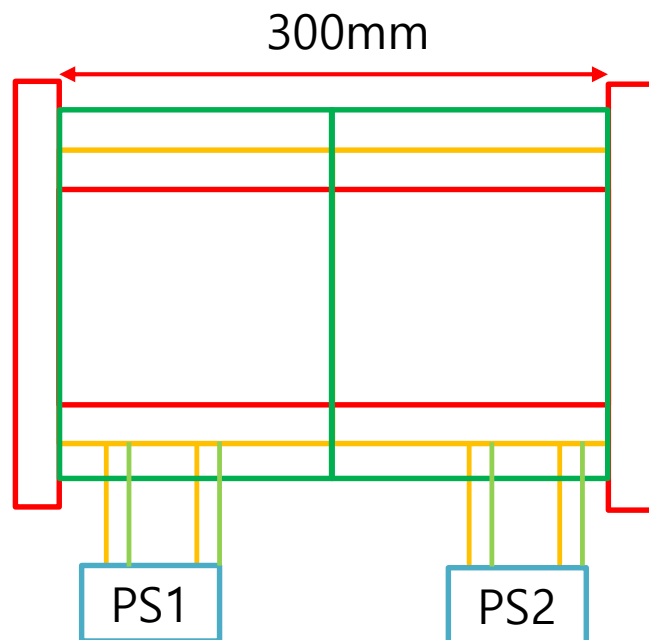


3A 기준 약 70G

Coil for trap test

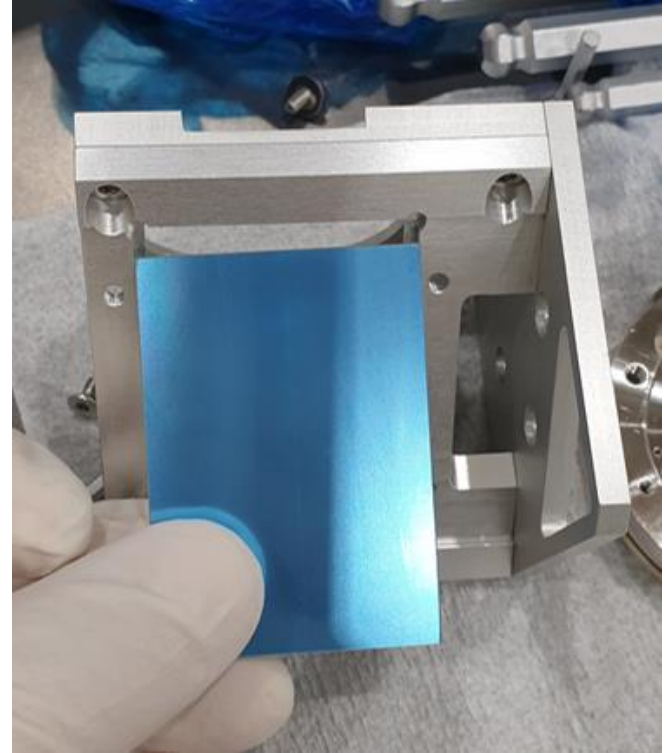
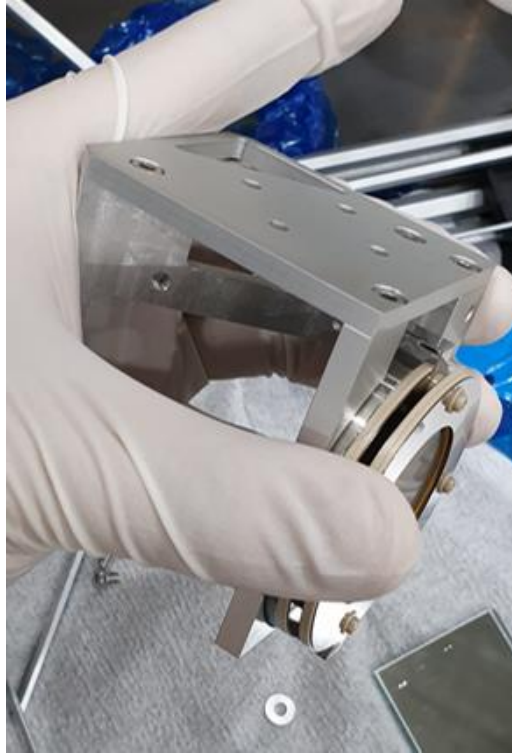
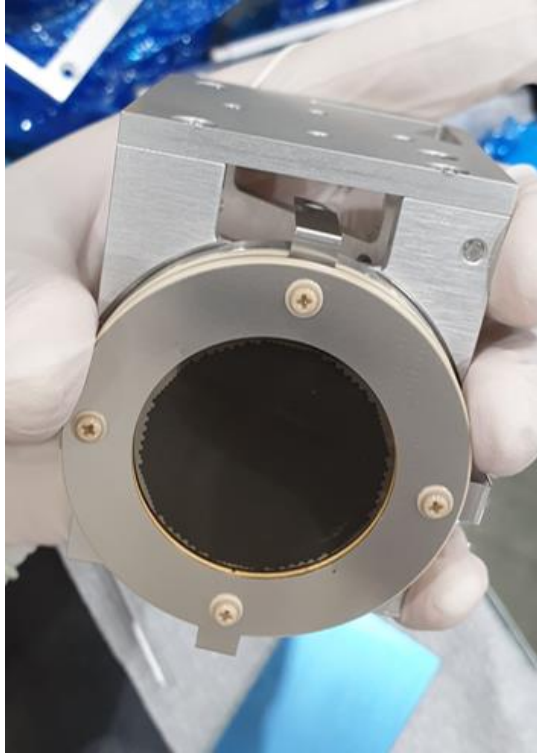
- $\therefore \frac{mv}{qr} = B = \frac{\sqrt{28.8 \times 10^{-48}}}{8 \times 10^{-22}} = 0.67 \times 10^{-2} T = 67 G$

200~300mm 영역 내 67G가 목표



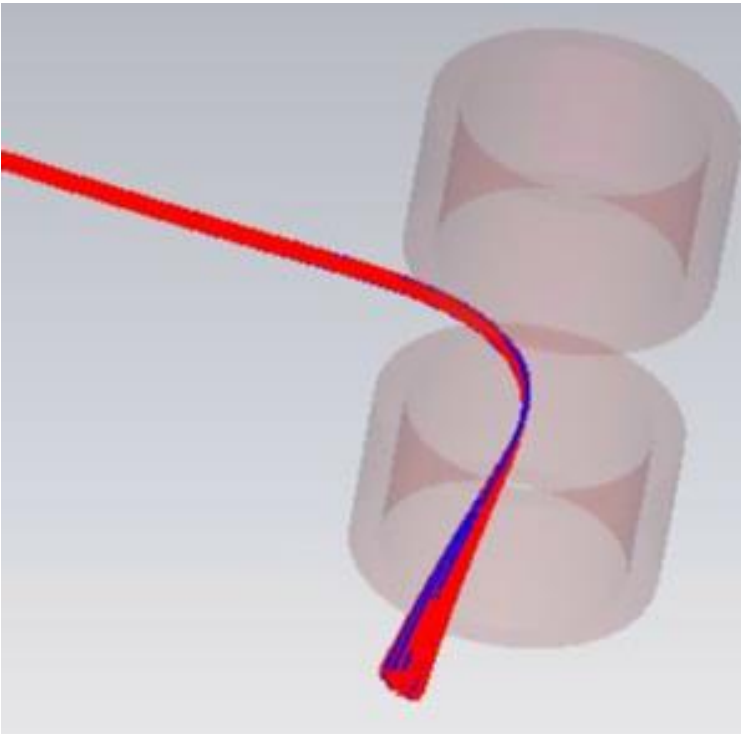
내부 코일만 3A에서 사용 시 ~70G
자기장이 부족할 경우 외부 코일 또는 고전류(6A) 사용가능

MCP mount



Mirror가 들어갈 폭이 좁음 -> 새로 가공
빔 출력 방향이 반대 -> 디자인 변경

Electron gun simulation



CST TRK Simulation

