

규격서

품명 및 규격 Description	단위 Unit	수량 Quantity
Cryostat (Customized Sample Chamber Unit for CR-546)	set	1

가. 특징

1. Built-In Electronics
2. Well-suited for lowest possible temperatures and vibrations
3. Offers 5 Optical Access ports
4. Fully compatible with High Vac.(using TMP)
5. Fully compatible with High NA system
6. Fully compatible with Low Working Distance Option
7. Fully compatible with s50 control unit system
8. Fully compatible with Magnet option

나. 장비상세규격 및 사양

1. Optical Access : 5 Optical Ports
2. Acceptance Angle : 60° full angle (sample at center of sample space)
80° full angle (sample located near cold window)
120° full angle (sample located near warm window)
3. Working Distance : 13.5 mm horizontal
7.9 mm vertical
4. Electrical Access : 20 user connections
5. Interface Side Panels : 2
6. Thermal Lagging : 2 locations
7. Temperature Sensors : 2 Calibrated Cernox sensors

8. Sample Space (Diameter x Height) : ϕ 53mm x 63mm
9. Temp. Range : 3.2K - 350K
10. Temp. Stability : < 10 mK
11. Vibrations : < 5 nm
12. Cool Down Time (Room Temp. to Base Temp.) : ~ 2 hrs
13. System Vac. : Cryo-pump (< 10^{-4} Torr)

다. 사후관리

1. Warranty : 12 months warranty after installation
2. Installation : End user site