

# 구 매 규 격 서

구매요청부서	친환경과학부 에너지소재학전공			
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NO	품 명	규격 / 단위	수량	비고
	KK-011AS-EXTRA 외부 요인 차단/밀폐 시스템	1.5 person Glovebox	1	

**SPECIFICATION** - 상세하게 적어주십시오.(용지가 부족할 경우 뒷장을 복사하여 작성하십시오)

1. Hermetically Sealed Module (Extra Workstation) : 1 set
  - Single sided and Single Extra(3 port) length: 1,800(L) X 890(H) X 760mm(D)
  - Modular structure with elastomer gasket front panel
  - Material : 304 Stainless Steel, Main body : 4mm thick
  - Side end panel : 4mm thick, 3 micron filter : 2 ea
  - Fluorescent Skylight, 9" Glove Port (M/C) : 3 ea , Butyl Rubber Glove (8" dia.) : 1.5pair
  - Window : Scratch & High impact resistant, Optically clear polycarbonate
  - Electrical Outlet : Two duplex (220V), Glove Port cover : Protect atmosphere during glove replacement
  - Service port feedthru : NW40(2ea), 3/8"(1ea), 1/4"(1ea)
  - Shelves: 4ea
2. Antechamber : 1 set
  - This chamber will be installed Right side of glove box
  - Size : 380 dia. x 500 mm length, High vacuum design, O-ring sealed, Sliding Shelf
  - Material : 304 Stainless Steel
  - Vacuum capacity :  $1 \times 10^{-3}$  torr, Doors, vertical action
  - Vacuum gauge : Bourdon tube dial type
  - Connection : 3/8" Refill solenoid valve
3. Mini Antechamber : 1 set Right side of glove box
  - 150mm (dia.) x 290mm (Length), Doors : Single center Knob Type, O-ring
  - Material : 304 Stainless Steel
  - Gauge : Bourdon tube dial type, Vacuum capacity :  $1 \times 10^{-3}$  torr
  - Connection : 1/4" Manual refill Ball valve
4. Automatic Pressure Controller (7" Full Color Touch Panel, Folding Type) : 1 set
  - Pressure Range: -12.5 to 12.5 mbar, Limits easily adjustable.
  - Manual foot switch operate.
  - Two solenoid valves are operated.
  - 1 set of Vacuum Pump: Intake Type: NW25. Ultimate pressure :  $5 \times 10^{-4}$  torr
  - Two Stage, Power 220V, 1 Phase

## SPECIFICATION

### 5. Purification System : 1 set

- Automatic atmosphere reduction control for 1 ppm atmosphere
- Oxygen/Moisture removal to less than 1 ppm, Control : PLC type (Heat, Vacuum, Purge, Refill : 13 hours)
- Pneumatic valve for Regeneration, Circulation Blower : 63 CFM (Variable Speed Control)
- Purifier: 1 set (Single Column Purifier), Purifier Charger Capacity(Molecular sieve & Copper Oxide)

### 6. Support Stand

- 1,800(L) x 936(H) x 760(D)mm
- Material : SS400 (Steel), Painting : SR-N.8.0, Caster

### 7. Solvent Trap (Chemical Type) : 1 set

- This trap will be installed inside support stand of glove box
- Special design plumbing & Chemical filter
- Pneumatic isolation valves and bypass valve & NW40 clamping
- Automatic PLC type regeneration process

\* 위의 사양은 본 부서가 구입요청하는 물품의 사양으로 정확히 작성되었음을 확인합니다.

2020년 1월 14일

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