물품세부규격서

학과(전공)/부서명: 상명대학교 천안산학협력단

품명(모델명)	수량(Set)	비고
주사전자현미경	1	

1. 세부사양

- 품명: Phenom Pure G6 Desktop SEM
- Light Optocal : 27-160x
- Electron Optical : 160 - 175,000x
- Illumination : Long lifetime thermionic source(CeB6)
- Acceleation Voltage : 5kV, 10kV
- Resolution : <15nm(BSED)
- Vacuum levels : high vacuum modes
- Light optical : Bright field / dark field modes
- High-sensitivity backscattered electron detector(multi-mode)
- Color navigation camera
- Sample Size : 25mm (Φ) / 35mm (h)
- Stage : Computer controlled, motorized X and Y
- Stage travel : 18 x 18mm
- Loading time : Light Optical : <5s / Electron Optical : <30s
- Image format : JPEG, BMP, TIFF
- Image Resolution : 960x600, 1,920x1,200, 3,840x2,400, 7,680x4,800
- Data storage : Network, workstation with SSD
- Imaging module : 256(w) x 566(d)x495(h)mm, 50kg
- Diaphragm vacuum pump, Power supply, Monitor(24"),Workstation.
- one sample holder, Keyboard, Mouse and a sample Preparation Starter kit included.

Sample Preparation Kit

- Contains 100 pinstubs, 100 carbon tabs, 1pinstub gripper tweezer, graphite paint

Secondary Electron Detector