



Compact SEM PS-230



Analytic SEM PS-250

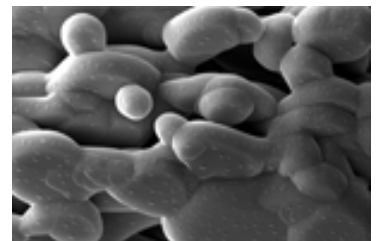
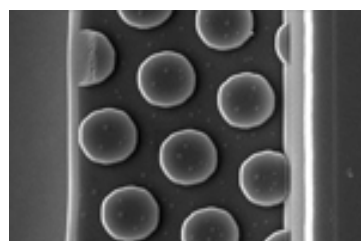
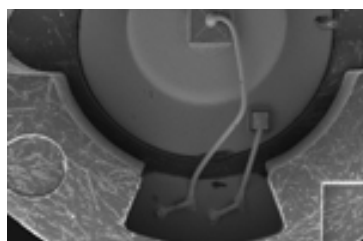
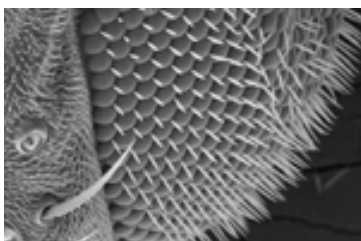
## High Performance & Excellent Price

The PS series SEM has been designed to bridge the gap between tabletop SEMs and higher priced standard SEMs. Our SEMs offer performance at an excellent value. The PS-230 SEM price is comparable to tabletop SEMs and offers better performance and capability. The PS series SEM provides 3nm resolution (@30kV) which is the ultimate resolution for conventional tungsten SEMs.

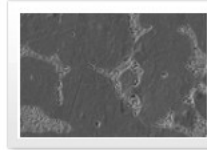
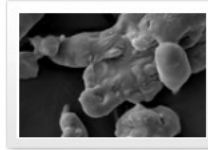
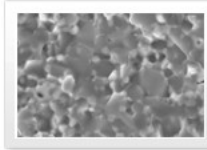
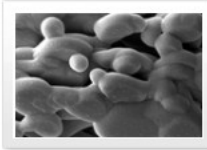
## Optional items for the PS Series SEM

The PS series SEM has a number of options available for enhanced analytical capability and ease of use.

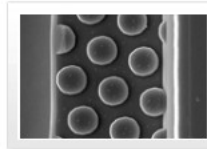
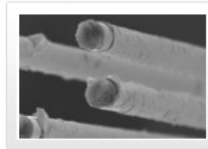
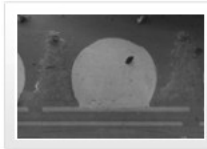
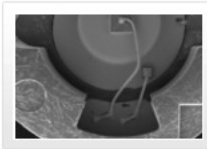
- Low vacuum
- Back Scatter Electron Detector (BSE)
- Energy Dispersive Spectroscopy (EDS)
- Electron Backscatter Detection (EBSD)
- Wavelength Dispersive Spectroscopy (WDS)
- Chamber scope
- Ion sputtering system
- Joystick and trackball control



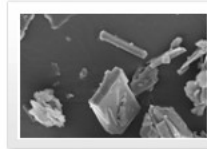
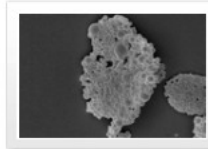
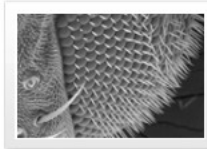
Material Science



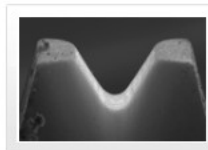
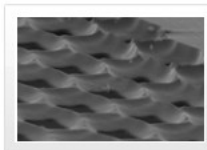
Electrical Component



Life Science



Others



## Available options with PS SEM

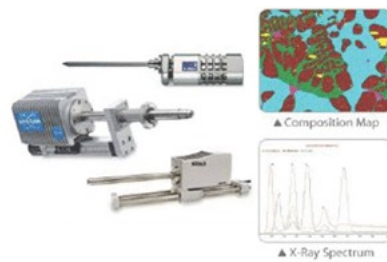
- 1 Sputtering Coater: Au, Pt, Carbon
- 2 Detector: BED, EDS, WDS, EBSD
- 3 Low Vacuum
- 4 Chamber Scope
- 5 Joystick, Track-ball

### EDS(Energy Dispersive Spectrometer)

- Excellent energy resolution down to Beryllium
- High resolution
- High speed acquisition
- LN2 free SDD detector

#### Makers:

- EDAX Apollo-X
- Oxford X-Max
- Bruker Qantax
- PulseTor On-X



### BSED(Back Scattered Electron Detector)

- Wide angle scintillator, catching large number of BSEs
- High resolution and Short Working Distance
- Good image acquisition below 2kV beam voltage



### Sputtering Coater

#### Ion Sputter Coater

- Sputtering system : Top Electrode discharge system
- Target : 57mm dia Au disk (standard) Pt&Carbon Available
- Vacuum Chamber : 120mm dia x 110mm H (Glass chamber)

