

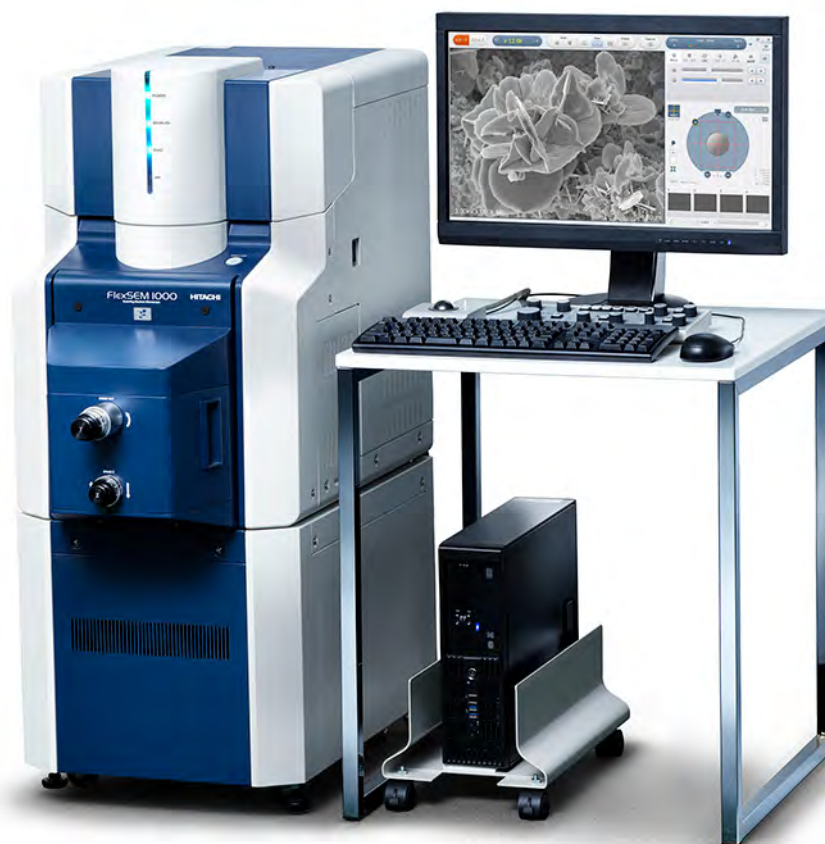
FlexSEM 1000: A New Scanning Electron Microscope

The FlexSEM 1000 is a compact variable-pressure SEM that delivers the performance of a conventional SEM in a lab-friendly footprint, and requires only a standard wall outlet for power.

The FlexSEM will change your view of electron microscopy!

Main features

- (1) A compact design (450 mm wide) minimizes system footprint. The Main unit can be separated from the Power Supply unit for flexible system placement. Requires only a standard wall outlet for power.
- (2) The newly developed electron optical column or Ultra Variable-Pressure Detector (UVD) enables superior imaging of specimen surfaces at low accelerating voltages and low vacuum conditions.
- (3) The user-friendly GUI as well as accurate and fast AFC (Auto Focus Control) and ABCC (Auto Brightness and Contrast Control) algorithms, which take only 5 sec, enable optimized imaging performance with minimal time and effort.
- (4) The “SEM MAP” function makes traversing across an entire specimen effortless. Navigate your sample with the use of an optical camera, and deliver accurate correlated Optical and SEM images using only one click.



FlexSEM 1000