## **Ideal for LIB analysis - JEOL's Air Isolation system -**

## Air-Isolation system





## **Application for Anode Silicon of LIB**



Examples of processing/analysis using CCP-SEM link I) The battery specimens processed by CP can be transported to the SEM without exposure. II) Various types of analysis such as SEM observation/EDS analysis/Soft X-ray Spectroscopy (SXES)/EBSD analysis can be performed without exposure.



EDS and SXES mapping of the same particles of anode silicon showed similar Li distribution. From the three different brightness points, differences in the chemical state of Si were inferred by SXES, and in combination with EBSD, Si crystalline regions, alloy crystalline regions, and amorphous regions were identified.





TEM

Transfer Vessel







