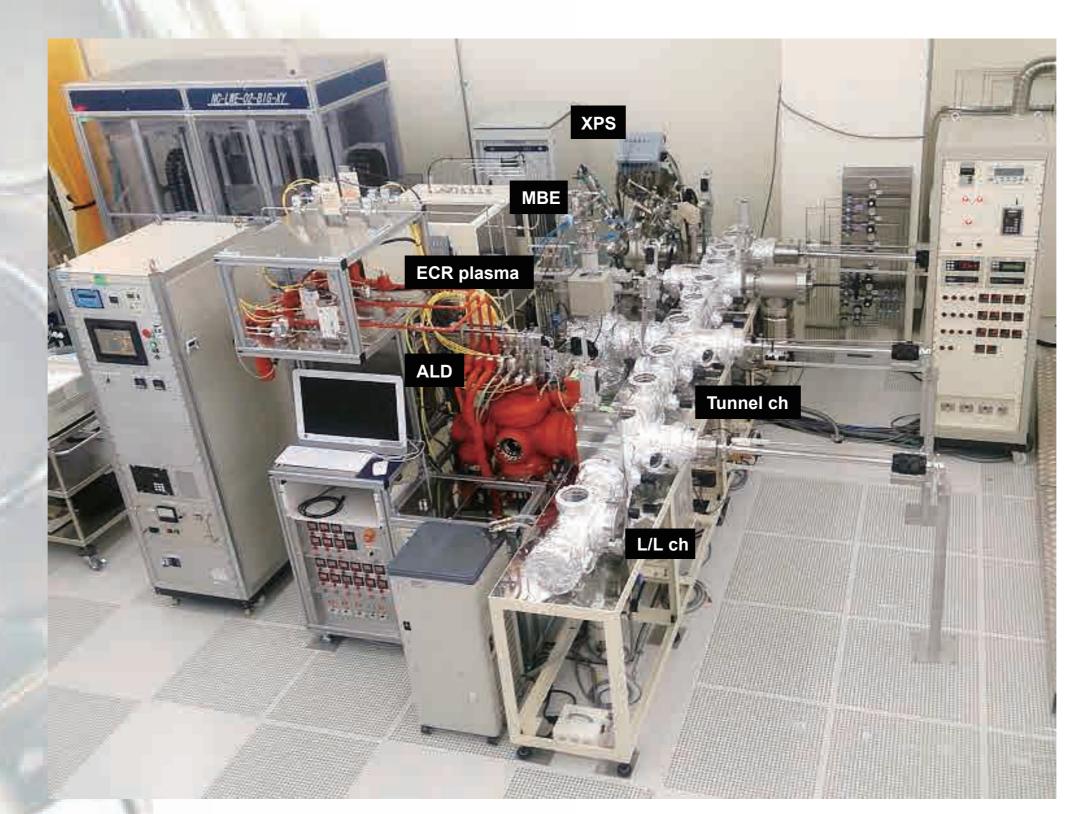
## High-performance thin film production system



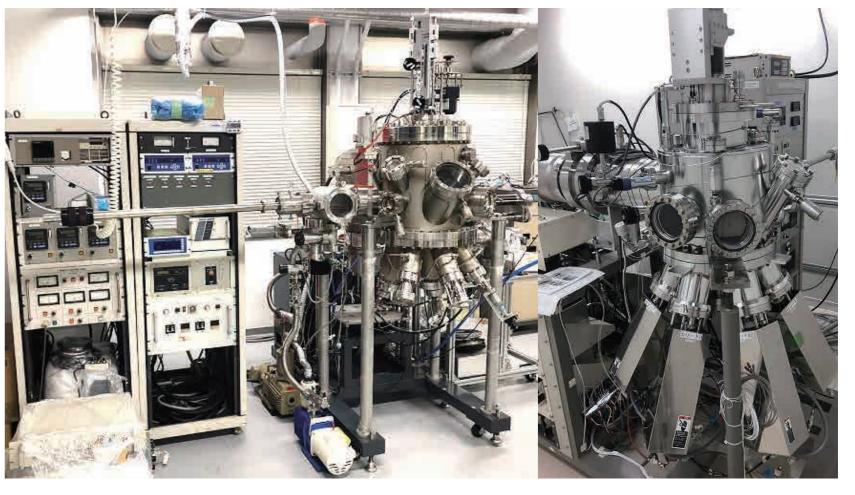
### Vacuum integrated deposition and evaluation system



**UHV Sputtering** Sputtering with Globe-box



**3-pockets EB evaporation** Single pocket EB & sputtering



MBE



**Evaporation with Globe-box** 





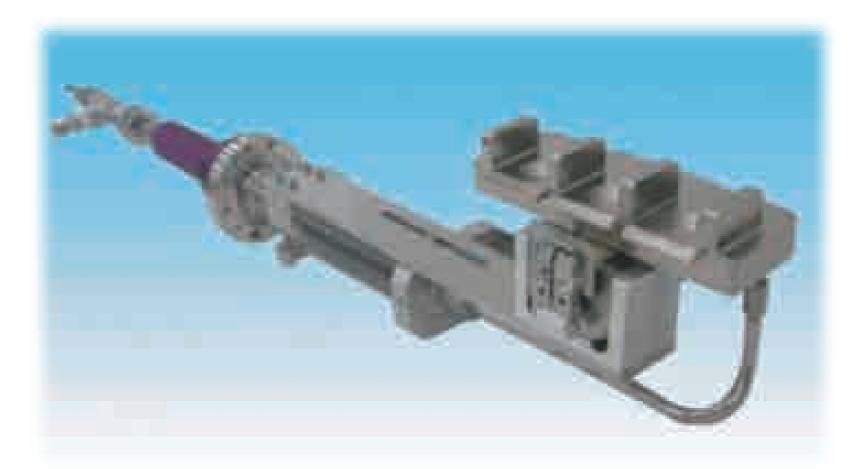
**Vertical MO-CVD** 



# Thin film production components



**Sputtering Cathode** 



**3-pockets EB evapotator** 



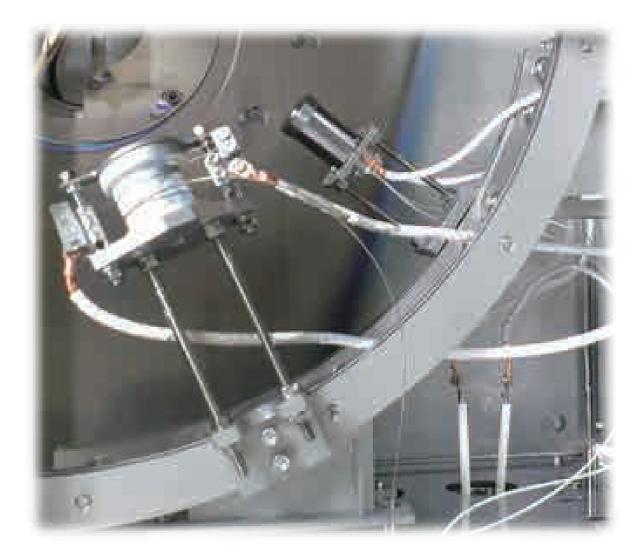
Manipulator



High vapor pressure K-cell



#### Standard & High-Temp K-cell



Simple evaporation source Matal & Organic







#### **Resistance heating evaporation source**

#### Plasma source with heating

### Kenix Corporation (Japan)