

# Cubic-200 MBE System



## Specification

- ✓ Chamber is made from one piece of SS316, NW CF Standard Flange
- ✓ Up to 7 evaporators amountable, compatible with major commercial products
- ✓ 4/5-axis manipulator, resistance/e-beam/dc heating, LN2 cooling optional

Specification	Basic	Upgrade Option
Chamber	Made from one piece of SS316	Ti Alloy available
Flanges	DN40CF:8; DN100CF:6;	/
Turbo Pump	Edwards STP301 Mag-Lev TMP	
Forevacuum Pump	Edwards nXDS10i	
Base Pressure	$<5 \times 10^{-10}$ mbar	/
Manipulator	4/5-axis Stage, RT-1000 °C, E-beam/LN <sub>2</sub> Cooling optional	
QCM	Single head sensor, with 100mm Linear Shift	Double head sensor, shutter with 50-200 mm Linear Shift
Evaporator	2 sets of CF40 K-cell evaporator Temperature Range: 80-1500°C Manual Shutters	Up to 7 sets of CF40 K-cell/E-beam evaporators Temperature Range: up to 2000°C Pneumatic Shtters with Controller& Softwate
Gate Valve	VAT DN63CF Manual Gate Valve	
Other Accessories	Load Lock, Sample Transfer Arm, High Stability Chiller	