

1. Configuration



1-1. System configuration

Category	Module	Outline
SU-3100 Main Body	ID	• Load Port 4 sets • Indexer Robot
	FRONT PF	• shuttle unit • Reverse unit • TOWER1 : MPC1/2 • TOWER2 : MPC3/4
	REAR PF	• Center Robot • TOWER3 : MPC5/6 • TOWER4 : MPC7/8
Side Cabinet (SC)	DDI SC	Chemical supply system Chemical storage / supply to DDI system (3 chemical type : NH ₄ OH, H ₂ O ₂ , HCL)
	HT-H ₂ SO ₄ SC	Chemical supply system High Temperature control / Circulation
External Cabinet (CC)	DHF CC	Chemical supply system DHF mixing / Temperature control / Circulation (Mixing rate, HF49%:DIW=1:50-500)
	DHF CC	Chemical supply system DHF mixing / Temperature control / Circulation (Mixing rate, HF49%:DIW=1:50-500)
	dSPM+ CC	Chemical supply system dSPM/dSPM+/udSPM/udSPM+ Temperature control / Circulation (Circulation Temperature : RT-50degC)
	dSPM+ CC	Chemical supply system dSPM/dSPM+/udSPM/udSPM+ Temperature control / Circulation (Circulation Temperature : RT-50degC)
	Cooling unit	SPM Drain cooling system with cooling water.
	NanoA Pump unit	CO ₂ water is pressurized and used on Nanospray A.
	IPA CC	IPA supply system. This CC sends IPA to each MPC by N ₂ pressure.
	E-Flow unit	CO ₂ water supply system
	Main Power Box	Power BOX Power supply to SU-3100 main body and each cabinet
	H-DIW unit	Customer provided.
	O ₃ water unit	Customer provided.