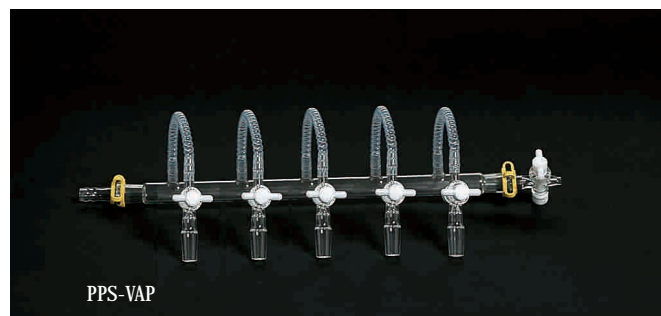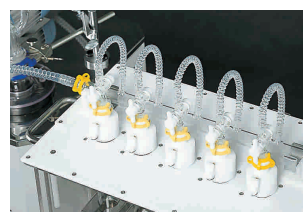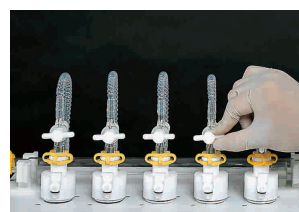# Process Station Optional Accessories

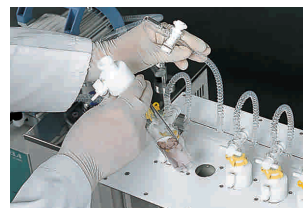■ Concentration unit (For Chemistation)
Parallel concentration of synthesized materials

PPS-VAP

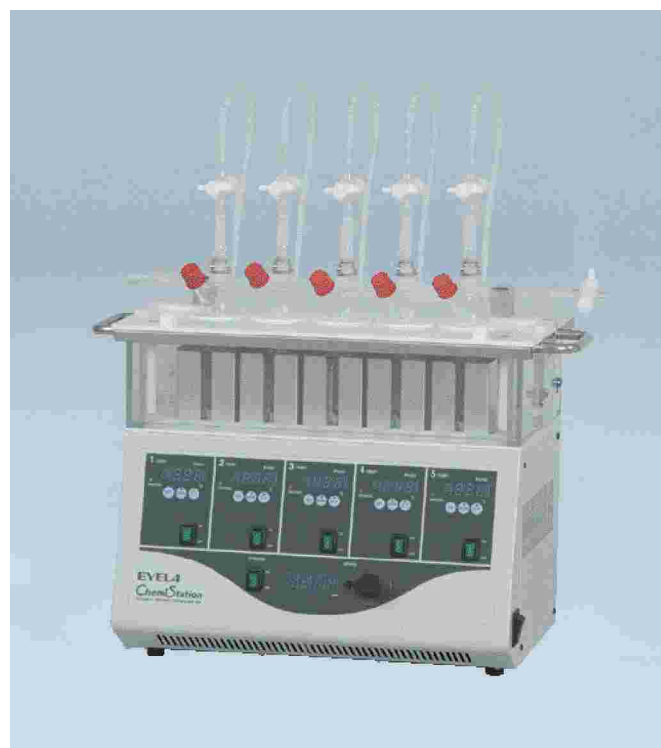Independent inert flow route without contamination

Individual concentration

Individual stop cock to adjust vapor volume

Accelerate concentration and prevent bumping

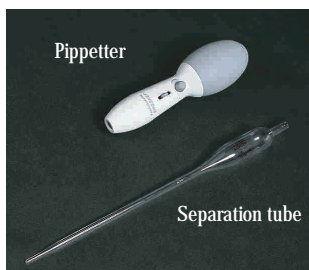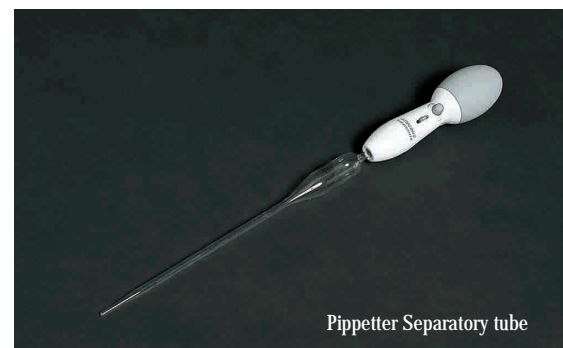| Product name		Type	Cat.No.
Concentration unit	For PPS 5 parallels	PPS-VAP	198600
	For PPV 4 parallels	PPS-VAP	201660

■ PPS-5510 Connection example

■ Parallel type organic synthesis and concentration system Chemi-evaporation system by PPS Synthesizer

CA-1111+PC2001 1R/EK+PPS2510+PPS-VAP
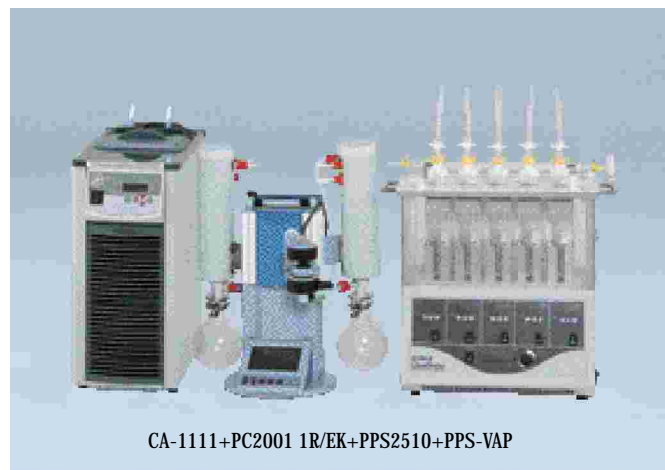
It is possible to start concentration after synthesizing process.

■ Liquid-Liquid extraction unit
Without separating funnel, extraction is easily available.

Pippetter Separatory tube

Pippetter

Separation tube

Mixing

One touch mixing by magnetic stirrer.

Suction
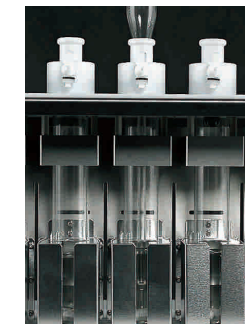
Bottom phase can be completely drained.

Dripping

When sucking upper phase, separate the separation tube and drain bottom phase.

IGR-030•035B   Back (IGR-030)   Back (IGR-035)

■ Inert gas controller

Product name	Inert gas controller	
Type	IGR-030	IGR-035
Cat.No.	186870	186880
Control methord	Manual type	—
Pressure range	0 to 0.06Mpa	0.03Mpa (Fixation)
Input Pressure	0.56Mpa under	
Display & Safty function	Analog display. safety valve	
Materials of gas contacting	PEEK. Teflon.PP.SUS	PP. Aluminium. Brass
Connection diameter	Inlet:1/4 inch tube. Outlet:1/4-28 fitting	
Overall dimension & Wgight	80W*235 (285)D*131H. 2kg	

MD-1C   PC2001

■ Teflon diaphragm vacuum pump

Product name		IDiaphragm vacuum pump	Solvent recovery vacuum pump
Type		MD-1C	PC-2001
Cat.No.		198530	198590
Perfur mance	Displacement(50/60Hz)	20/23L/min	26/26L/min
	Ultimate pressure	2hpa (1.5Torr)	
Composition	Suction side waset liquid trap	—	500mL round bottom flask
	EXhaust side cooling recierer	—	Equipped
	Pressure sensor	—	resistance to corrosion. Piezo resi stance conversion type
	Materials of gas contacting pa	PFA. FFKM, PTFE	
Design	Cooling circulating nozzel	—	Inlet/outlet. OD 10mm
	Conection nozzel	OD 10mm	OD 8•10mm
Overall dimension & Weight		165W*315D*220H 6.5kg	290W*320D*480H 10kg

Evaporation, Vacuum Unit
Organic Synthesizer
Oven, Incubator
Bath,Cold Trap
Low Temperature circulator
Stirrer, Shaker
Freeze Dryer

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