

*Reactor glass tube

Part name	Type	Catalog. No
① Standard reaction vessel (ø18 1/4"/23)	*	217120
② Standard reaction vessel (ø24 1/4"/23)	*	217130
③ Standard reaction vessel (ø18 1/4"/23, GL14)	*	217140
④ Standard reaction vessel (ø24 1/4"/23, GL14)	*	217150
⑤ Standard reaction vessel (ø30 1/4"/23, GL14)	*	212760
⑥ Standard reaction vessel (ø34 1/4"/23, GL14)	*	217160
⑦ Sealing reaction vessel (ø16)	*	217170
⑧ Sealing reaction vessel (ø24)	*	217180
⑨ ø30 Stainless pressure resistant vessel (HIP-30)	*	218290
⑩ On head part (with pressure gauge) HIP-HEAD	*	218320

*Condenser, connection hose

Part name	Type	Catalog. No
① Dimroth condenser 1/4"/23, GL14	*	212780
② Liebig condenser L100 1/4"/23, GL14	*	212720
Silicone-hose (used for manifold 5m)	*	212790
Cooling insulation hose set (silicone ø91m, 2pcs) CT-1S	*	194050
Cooling insulation hose set (silicone hose ø92m, 2pcs) CT-2S	*	201830

* 1/4"/23 related parts

Part name	Type	Catalog. No
③ Three-way cock for dosing sample, with solid glass plug	*	217190
④ Dan-Stark trap for PPW•CCX type	*	212770
⑤ Stopper 1/4"/23 with hexagonal plate (10pcs)	*	217290
⑥ DIN-Screwthread with Cone (10pcs)	*	217220
⑦ Adapter with Ground joint, upper TS 15/25 lower cone 1/4"/23	*	217310
⑧ Dropping funnel 25mL 1/4"/23	*	217210
⑨ "Keck" Conical Joint Clip type 1/4", TS15 metal (10pcs)	*	217300

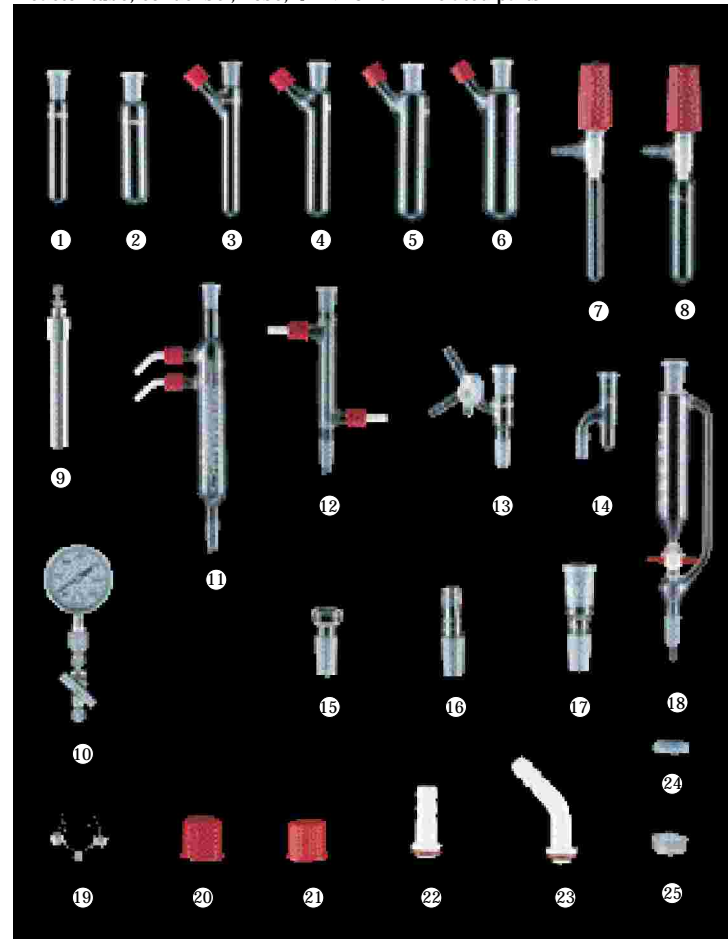
*GL14 related parts

Part name	Type	Catalog. No
⑩ Screw-Cap with opening for screwthread tubes GL14(10 pcs)	*	217230
⑪ Screw-Cap for screwthread tubes GL14 with PTFE (10 pcs)	*	217240
⑫ Plastic Hose Connection, straight (10 pcs)	*	217250
⑬ Plastic Hose Connection, bent (10 pcs)	*	217260
⑭ Silicone Rubber Seals, Septa (25 pcs)	*	217280
⑮ Silicone Rubber Sealings with Bore	*	217270

*PPS-1510•2510•3510 parts

Part name	Type	Catalog. No
Cross-shaped Stirring bar for ø15 (10pcs)	ST-1X	191840
Cross-shaped Stirring bar for ø30 (10pcs)	ST-2X	191850
Cross-shaped Stirring bar for ø35 (10pcs)	ST-3X	212680
Three-way cock (10pcs)	QK-3P	191920
Cooling insulation hose (1m*2pcs)	CT-1S	194050
Cooling insulation hose (2m*2pcs)	CT-2S	201830
ø15test tube (with rim) (50pcs)	*	195670
ø30test tube (with rim) (25pcs)	*	195690
ø35test tube (with rim) (10pcs)	*	212690
Perfluoro O-ring for PPS-15TC	*	195760
Perfluoro O-ring for PPS-25TC	*	195770
Perfluoro O-ring for PPS-35TC	*	213070
Screw ring for Teflon cap ø15 (5pcs)	*	195640
Screw ring for Teflon cap ø30 (5pcs)	*	195650
Screw ring for Teflon cap ø35 (5pcs)	*	213100
Teflon O-ring for PPS-15TC (10pcs)	*	195780
Teflon O-ring for PPS-25TC (10pcs)	*	195790
Teflon O-ring for PPS-35TC (10pcs)	*	213080
Two-way cock for Teflon cap (10pcs)	*	195700
Gas piping set (PPS type teflon cap)	*	213090
PPS type ø15 Cap part (without Screw cap, with O-ring)	*	195620
PPS type ø30 Cap part (without Screw cap, with O-ring)	*	195630

Reactor tube, condenser, hose, 1/4"/23•GL14 related parts



PPS-1510/2510/3510 Teflon Cap



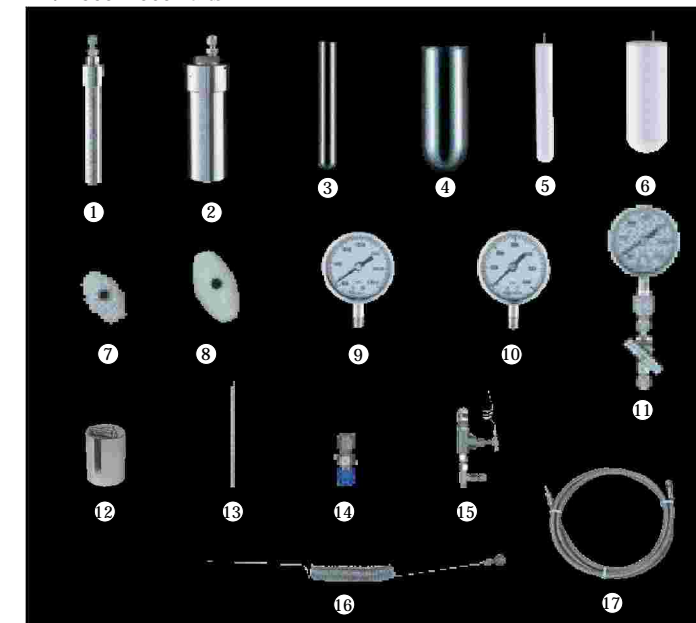
*PPV-4030•4060 Parts

Part name	Type	Catalog. No
① ø30 Pressure-resistant vessel (SUS316), incl. glass vessel and stirring bar	HIP-30	218290
② ø60 Pressure-resistant vessel (SUS316), incl. glass vessel and stirring bar	HIP-60	218310
③ ø20 Glass vessel for ø30 Pressure-resistant vessel height 134mm	*	218560
④ ø45 Glass vessel for ø60 Pressure-resistant vessel height 120mm	*	212340
⑤ ø20 Teflon vessel for ø30 Pressure-resistant vessel	*	218570
⑥ ø45 Teflon vessel for ø60 Pressure-resistant vessel	*	218580
⑦ Tdflon Powerful magnetic stirring bar (football-shaped, ø10*15L, 1 pce) for ø20 vess ST vess ST-2F)	ST-2F	213110
⑧ Tdflon Powerful magnetic stirring bar (football-shaped, ø14*25L, 1 pce) for ø45 vess ST vess ST-2F)	ST-3F	206430
⑨ Pressure gauge (SUS316, pressure range: 100/0/2400kpa)	*	218480
⑩ Pressure gauge (SUS316, pressure range: 0/6000kpa)	*	218490
⑪ Pressure-resistant head with valve	HIP-HE	218320
⑫ Aluminum sleeve (for ø30 pressure-resistant vessel, 1pce)	*	206420
⑬ Protective pipe for temperature sensor (SUS316, 1 pce)	*	218500
⑭ Pressure connection (high pressure joint, SUS316)	*	218470
⑮ Individual Relief valve (Relief pressure: 0.34-2.4MPa)	*	218510
Seal kit of the relief valve (Fluorocarbon) for replacement	*	218380
Seal kit of the relief valve (Ethylene propylene rubber) for replacement	*	218370
⑯ Spiral hose for connecting to the gas injection port (outer diameter: 1/16", Swagelok one end 1/4" screw nut SUS316) x 1	*	218390
Spiral hose for connecting to the vessels (outer diameter: 1/16", Swagelok both end 1/4" screw nut SUS316) x 1	*	218400
⑰ Flexible hose for connecting to the gas exhaust port (outer diameter: 1/4", Swagelok one end 1/4" screw nut SUS316) x 1	*	218460
Spring kit(2.41-5.16Mpa)	*	215040
Spring kit(0.34-2.41Mpa)	*	215050
O-ring of the pressure-resistant vessel (for ø30,Perfluoro) for replacement	*	218520
O-ring of the pressure-resistant vessel (for ø60,Perfluoro) for replacement	*	218530
Back-up ring for pressure-resistant vessel (for ø30,Teflon) 10pcs	*	218440
Back-up ring for pressure-resistant vessel (for ø60,Teflon) 10pcs	*	218450

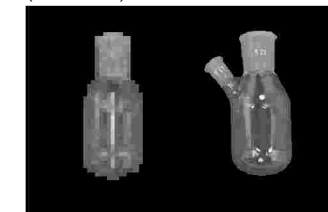
*CCX-1100/1110•1300•1310 O Parts

Part name	Type	Catalog. No
Cross-shaped Stirring bar ø24 for CCX-1100/1110 type (10pcs)	ST-2X	191850
Powerful magnetic stirring bar (oval shape) for CCX-1100•1110	ST-2F	213110
Test tube ø24 (without rim) for CCX-10TC (25 pcs)	CT-2S	198740
Test tube ø24 (with rim) for CCX-11TC (25 pcs)	*	213130
O-ring for CCX-10TC (nitrile rubber, 20pcs) for replacement	*	198750
O-ring for CCX-10TC (perfluoro) for replacement	*	198760
O-ring for CCX-11TC (nitrile rubber, 20pcs) for replacement	*	213150
O-ring for CCX-11TC (perfluoro) for replacement	*	213140
CCX type gas manifold	*	214390

PPV-4300•4060 Parts



Reaction Vessel (PPV-3000)



Gas Manifold (CCX-1000•1010•1200•1210)

