

State-of-the-art model with body renewed sophisticatedly
Pursuing easy-operation, attractive new functions
have been implemented!

Rotary Evaporator

N-1300E·V·S Series



EYELA as a reliable brand name

Rotary Evaporator N-1300E·V·S Series



Prices valid to September 1, 2017

Composition & Specifications

Product name	Rotary Evaporator		
Composition Free selection of N-1300 main unit driving part, E-V-S condenser, water or oil bath.			
Bath type	w/o bath	Water bath	Water/oil bath
Bath temp. control range & accuracy	—	RT + 5 ~ 90°C ± 1°C	RT + 5 ~ 180°C ± 1.5°C (oil ± 3°C)

E-V-S glass set		<p>E type glass set suitable for installation in fume hood. E type condenser: Vertical double helix condenser with built-in adapter (cooling area 0.117m²) Rotary joint: Φ29/38, ID 18xL 178mm Sample flask (Eggplant shape): 1L Φ29/38 Receiving flask (Round bottom shape): 1L Ball joint S35/20</p>
		<p>V type glass set applicable to both small or large volume flask. V type condenser: Vertical double helix condenser with separate adapter (cooling area 0.146m²) Rotary joint: Φ29/38, ID 18x L 178mm Sample flask (Eggplant shape): 1L Φ29/38 Receiving flask (Round bottom shape): 1L Ball joint S35/20</p>
		<p>S type glass set applicable to both low or high boiling point liquid. S type condenser: Diagonal double helix condenser (cooling area 0.146m²) Rotary joint: Φ29/38, ID 18x L 272mm Sample flask (Eggplant shape): 1L Φ29/38 Receiving flask (Round bottom shape): 1L Ball joint S35/20</p>

Model	N-1300E	N-1300V	N-1300S	N-1300E-W	N-1300V-W	N-1300S-W	N-1300E-WB	N-1300V-WB	N-1300S-WB
Cat. No. for 230V, 50/60Hz	266492	266432	266372	266512	266452	266392	266532	266472	266412
Cat. No. for 115V, 60Hz	266499	266439	266379	266519	266459	266399	266539	266479	266419
Rotation speed	10 ~ 310rpm								
Evaporation capacity	Max. 23mL/min (Water evaporation)								
Rotation speed setting & display	Setting by dial Digital display								
Jack function	Manual balancing system (Jack stroke 180mm, stepless)								
Motor	DC brushless motor								
Heater	—				1.05kW		1kW		
Vacuum seal	Vacuum seal (Teflon [®] + Teflon [®] · Viton double seal) 1 set Genuine parts: vacuum seal 2 sets Cat. No. 142610								
Bath inner dimensions (mm)	—				ID 220 x 120H			ID 240 x 120H	
Bath material & capacity	—				SUS 304 4.3L			Aluminum (Teflon coating) 5L	
Bath inlet terminal	For connection to evaporator main unit driving part Max. 2A								
Bath connection nozzle	Cooling hose nozzle · Suction nozzle OD 10mm								
Ambient temperature	5 ~ 35°C								
Dimensions (Max. height) (mm)	E: 514W x 342D x 645(825)H8.8kg V: 497W x 342D x 823(1003)H8.9kg S: 672W x 342D x 504(684)H8.2kg			E: 578W x 352D x 645(825)H12.7kg V: 543W x 352D x 823(1003)H12.8kg S: 736W x 352D x 504(684)H12.1kg			E: 565W x 352D x 645(825)H13.3kg V: 531W x 352D x 823(1003)H13.4kg S: 724W x 352D x 504(684)H12.7kg		
Power source	126VA · AC115V/253VA · AC230V, 50/60Hz			1.1kVA · AC115V/2.6kVA · AC230V, 50/60Hz			1.1kVA · AC115V/2.5kVA · AC230V, 50/60Hz		

* Performance data was taken under 20°C of ambient condition with rated power and voltage.

* Adjustable accuracy of bath temperature was taken value when a sample flask was turning.

* Performance of evaporation differs depending on revolution speed, vacuum condition, bath temperature, condensing temperature, sample flask.

* There is F series (EYELA COAT[®]) which is applied with coating on glassware and superior with chemical resistance, transparency, cold resistance (-80°C) and heat resistance (120°C).

“ Renewal design from the conventional evaporator ” Differences of New type evaporator, N-1300

It is renewal as N-1300 after 50 years since we had launched our first evaporator N-1 and our past successive evaporators have continued to be well accepted and highly appraised at laboratories over half century. Design is renewed from the conventional model and it has finished up as a product which can constitute better laboratory environment.

High flexibility in installation and Capability in space efficiency



Possible to install glassware set from either of Right or Left hand side to fit in installation spot.

Glassware can be set at either of right or left hand side of machine body. A machine can be set up, in consideration with space on lab table and dominant hand.



A vertical E-type condenser suited for fume hood

A vertical condenser with a built-in adapter (E type condenser) has compact design in consideration with using in fume hood. Moreover, the condenser has been designed with no-reverse flow from capillary without having any concern, and with efficient vapor collection in spite of the compact size.



Easy setting and useful Stand-base bath

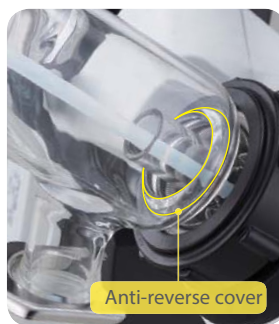
Since the both shapes of the evaporator stand-base and the water & oil bath have been improved to round, the bath can be set front always in spite of any angles (positions) of the evaporator base. It is possible to check bath temperature and enter temp. Setting without looking over.

Improvement for even easier operation, New functions to be implemented



Implementation of automatic reverse revolution to be suited for drying-out and concentration of powder and solid substance etc.

Direction of flask revolution (Clockwise or Counter-clockwise) can be set up. Even automatic reversing is available. And, it (N-1300) can be applied to dry-out of powder and dry-out & concentration of samples including solid substance.



Addition of new anti-reverse cover that protects against pool of condensed fluid

Protection cover against fluid pool is added at the foot of a condenser (Receiver flask side). It protects fluid pool that happens to appear at sealing part when the condenser is tilted. Anti-reverse cover blocks entry of condensed fluid that flows inside of glassware.



Possible to fix jack at any elevation depending on flask's shape due to non-stepping positions

The jack can be adjustable without definite positions freely, that is different from the conventional evaporator. Since elevation can be fixed in accordance with size and shape of sample flask at any positions, it is easy to handle even when trap ball is used.



With exclusive option added, capable to put and remove insulation hose easily

In use of optional one-touch connector and one-touch insulation hose, the condenser and the insulation hose can be put and removed easily. One-touch insulation hose makes zip-tie bundling unnecessary despite bundled before. Line-connection is established just by inserting the insulation hoses into the connectors which are on a condenser.



Dew preventive cover for rotary evaporator

Exclusive cover to reduce dew which appears on A condenser and nozzle parts.

By putting exclusive cover on A condenser and nozzle parts, dew (dew condensation water) can be preventive. This cover can be applied to not only this new model but also models of the conventional evaporators.

Dew preventive cover for rotary evaporator

Consist: Cover for condenser, Covers for nozzle parts including 2 sets

Material PP, Insulation, Urethane foam

Using condition Higher than -10°C of circulating fluid temp.

(When circulating cooling media.)

Cat. No.266040 for V type

Cat. No.270730 for S type

Transparent cover to confirm evaporation status.

Condenser cover for rotary evaporator

Composition Condenser cover, Nozzle cover (2 pcs)

Material Transparent PET, Silicone, Foamed silicone

Operating condition lowest circulating liquid temperature 5°C

(Room temp. 30°C, Humidity less 70%, circulation liquid; water)

Cat. No.266110



One-touch connector

(ID10mm, including 2 pieces)

With "One-touch cold insulation hose set" used together, hose can be connected and disconnected easily.

Cat. No.267980



One-touch cold insulation hose set

(-20 to 40°C as applicable temperature)

It is not necessary to bundle zip-tie around hose like the conventional connection. The connection is established just by insert into the one-touch connector.



Cold insulation hose set

(-30 to 80°C as applicable temperature)

It is preventive against dew that appears when cooling media is circulated through, and reduces loss of cooling ability.

Product name	Tube diameter	Length	Cat. No.
One touch cooling hose set	OD 10mm	2m	244940
		5m	244950
Cooling hose set	ID 9mm	2m	112700
		5m	174420

Relating products

Please hook up the following EYELA products when A evaporator constitutes system.

Low temp. circulator : CA-1115, CCA-1111

Diaphragm vacuum pump : NVP-1000, NPV-2000, NPV-2100

Solvent recovery unit : DPE series

Vacuum control unit : NVC-2300 series

Polyurethane resin coating which prevents from glass scattering when broken.

EYELA COAT®

Glass parts that are applied with Eyela coat (Polyurethane resin coating), are not broken easily while glass and sample are not scattered in pieces and splash easily even if it is broken. Glass transparency is high. Membrane of new composition which is superior for chemical property.

- polyurethane resin that is not like vinyl chloride of high environment load and is environment friendly, is selected.
- Range of heat resistance temperature, is -80 to 120°C. It is tough with each solvent and superior with chemical resistance.

We have also F series evaporator which includes the coated glassware (Eyela coat®) that is superior with chemical resistance, transparency, cold resistance (-80°C), heat resistance (120°C).

Main unit composition	Glass set		Model	AC230V Cat. No.	AC115V Cat. No.
	Eyela COAT®				
Without bath N-1300 only	Eyela COAT®	EF	N-1300EF	266502	266509
		VF	N-1300VF	266442	266449
		SF	N-1300SF	266382	266389
With water bath N-1300+SB-1300	Eyela COAT®	EF	N-1300EF-W	266522	266529
		VF	N-1300VF-W	266462	266469
		SF	N-1300SF-W	266402	266409
With water/oil bath N-1300+OSB-2200	Eyela COAT®	EF	N-1300EF-WB	266542	266549
		VF	N-1300VF-WB	266482	266489
		SF	N-1300SF-WB	266422	266429

* Eyela coat® is applied to condenser, receiving flask, adaptor (V type).

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Safety Caution

Please read "Instruction Manual" carefully before operation for your safety.

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Rotary Evaporator					
Category	Catalog #	Item Description	Voltage	Price	
Evaporator	Economic Rotary Evaporator				
	266399	N-1300S-W (w/SB-1300 bath)	115V, 1P	\$2,775.00	
	266459	N-1300V-W (w/SB-1300 bath)	115V, 1P	\$2,950.00	
	266419	N-1300S-WB (w/OSB-2200)	115V, 1P	\$2,897.00	
	266479	N-1300V-WB (w/OSB-2200)	115V, 1P	\$3,064.00	
	Evaporator with Mortorized Jack				
	243239	N-1200BS with diagonal glass set	115V, 1P	\$3,055.00	
	243249	N-1200BS-W (w/ SB-1300 bath)	115V, 1P	\$3,752.00	
	243259	N-1200BS-WD (w/ OSB-2100 bath)	115V, 1P	\$3,855.00	
	243199	N-1200BV with vertical glass set	115V, 1P	\$3,215.00	
	243209	N-1200BV-W (w/ SB-1300 bath)	115V, 1P	\$3,912.00	
	243219	N-1200BV-WD (w/ OSB-2100 bath)	115V, 1P	\$4,015.00	
	243479	N-1200BSF	115V, 1P	\$3,240.00	
	243489	N-1200BSF-W (w/ SB-1300 bath)	115V, 1P	\$3,937.00	
	243499	N-1200BSF-WD (w/ OSB-2100 bath)	115V, 1P	\$4,040.00	
	243439	N-1200BVF	115V, 1P	\$3,400.00	
	243449	N-1200BVF-W (w/ SB-1300 bath)	115V, 1P	\$4,097.00	
	243459	N-1200BVF-WD (w/ OSB-2100 bath)	115V, 1P	\$4,200.00	
	Extra full glass & clamp sets				
	267090	N-1300 Glassware set, SG-24		\$849.00	
	267110	N-1300 Glassware set, VG-24		\$1,016.00	
	Block				
	245399	N-1200B Main Body only	115V, 1P	\$2,250.00	
	267979	N-1300 Main Body	115V, 1P	\$1,248.00	
	Parts				
	202770	Viton O ring for evaporator nozzle set, inc. 4 pcs.			\$58.00
	Evaporator Accessories				
	116960	3 Way cock			\$361.00
	143870	Test tube adaptor for rotary evaporator, TS24/42, TS15/25			\$266.00
	201450	Test tube, TS15/25			\$66.00
	142550	Joint clip TS24(2 pcs)			\$25.00
	270730	Dew protecting Cover for V and E glass			\$65.00
	270740	Dew protecting Cover for S glass			\$65.00

Rotary Evaporator				
Category	Catalog #	Item Description	Voltage	Price
	5600-			
		Model N-3010		
	248108	N-3010, 10L including Vacuum controller & cart	230V, 1P	\$22,865.00
	248958	N-3010M, 10L including Vacuum controller & cart	200V, 1P	\$22,865.00
		Accessories and Parts for N-3010		
	223550	O-ring		\$44.00
	126850	Fuse		\$27.00
	223530	Cussion gum		\$44.00
	224200	Temperature measurement set		\$176.00
	223400	packing FL100		\$368.00
	223300	10L flask for N-3010, N-4000		\$754.00
		Same, after long time use, or in case of damage		
	223390	Vapor duct		\$374.00
	223300	Sample flask 10L		\$1,004.00
	223310	Receiving flask 5L		\$794.00
	223330	Cooler (Condenser) for N-3000		\$2,321.00
		More than 10L Evaporator		
	256338	N-4000	230V 1P	\$19,900.00
	256378	N-4000W	230V 1P	\$22,900.00
		Vortex Evaporator		
	213259	Vortex Evaporator, VTX-2000 115V	115V, 1P	\$13,900.00
	213269	Vortex Evaporator, VTX-2500 115V	115V, 1P	\$13,900.00
		Thin Film Evaporator		
	117599	Thin Film Evaporator, F-70	115V, 1P	\$25,000.00
	117708	Thin Film Evaporator, F-150	440V, 3P	\$65,000.00
	117718	Thin Film Evaporator, F-200	440V, 3P	RFQ
		Centrifugial Evaporator		
	260569	CVE-2100	115V, 1P	\$2,420.00
	252179	CVE-3000	115V, 1P	\$6,500.00
	260589	CVE-3110	115V, 1P	\$6,150.00
		Water & Oil Bath for 1L evaporator		
	226709	OSB-2100	115V, 1P	\$800.00
	267939	SB-1300	115V, 1P	\$697.00
		Accessories and Parts for N-1110,1200, 1300		
	142510	Rotary Joint 272mm TS24/40		\$118.00
	142530	Rotary Joint 178mm TS24/40		\$118.00
	216700	Evaporating Flask 50ml, TS29/32		\$62.00
	216710	Evaporating Flask 100ml, TS29/32		\$71.00
	216720	Evaporating Flask 250ml, TS29/32		\$75.00
	216730	Evaporating Flask 500ml, TS29/32		\$87.00
	216740	Evaporating Flask 1 Litter, TS29/32		\$98.00
	216750	Evaporating Flask 2 Litters, TS29/32		\$135.00
	216800	Evaporating Flask 50ml, TS24/40		\$52.00
	216810	Evaporating Flask 100ml, TS24/40		\$51.00

Category	Catalog # 5600-	Item Description	Voltage	Price
	216820	Evaporating Flask 250ml, TS24/40		\$62.00
	216830	Evaporating Flask 500ml, TS24/40		\$67.00
	216840	Evaporating Flask 1 Litter, TS24/40		\$79.00
	216850	Evaporating Flask 2 Litters, TS24/40		\$131.00
	216860	Receiver Flask 100ml, S35/20		\$93.00
	216870	Receiver Flask 250ml, S35/20		\$101.00
	216880	Receiver Flask 500ml, S35/20		\$115.00
	216890	Receiver Flask 1 Litter, S35/20		\$95.00
	216900	Receiver Flask 2 Litters, S35/20		\$250.00
	116730	Trap Bulb 100ml TS24/40 x 24/40		\$173.00
	156710	Trap Bulb 100ml TS24/40 x 19/33		\$164.00
	116740	Trap Bulb 100ml TS24/40 x 15/30		\$157.00
	116780	Trap Bulb 200ml TS24/40 x 24/40		\$184.00
	156690	Trap Bulb 200ml TS24/40 x 19/33		\$179.00
	116790	Trap Bulb 200ml TS24/40 x 15/30		\$162.00
	116830	Trap Bulb 300ml TS24/40 x 24/40		\$192.00
	156660	Trap Bulb 300ml TS24/40 x 19/33		\$178.00
	116840	Trap Bulb 300ml TS24/40 x 15/30		\$169.00
	156630	Trap Bulb 500ml TS24/40 x 24/40		\$224.00
	156640	Trap Bulb 500ml TS24/40 x 19/33		\$193.00
	116900	Coupling Adapter TS24/40 x TS29/38		\$76.00
	116910	Coupling Adapter TS24/40 x TS19/33		\$74.00
	116920	Coupling Adapter TS24/40 x TS15/30		\$70.00
	116470	Separable Cover, Y-SC-3, TS24/40		\$116.00
	116490	Separable Cover, Y-SC-4, TS24/40		\$144.00
	116400	Separable Evaporating Flask, Y-SF-5, 50ml		\$69.00
	116410	Separable Evaporating Flask, Y-SF-10, 100ml		\$75.00
	116420	Separable Evaporating Flask, Y-SF-20, 200ml		\$80.00
	116430	Separable Evaporating Flask, Y-SF-30, 300ml		\$90.00
	116440	Separable Evaporating Flask, Y-SF-50, 500ml		\$105.00
	116450	Separable Evaporating Flask, Y-SF-100, 1 Litter		\$176.00
	116510	Separable Clamp, Y-SK-24, 500ml, 1 Litter		\$139.00
	116500	Separable Clamp, Y-SK-13, 50 - 300ml		\$121.00
	116530	Separable Seal Packing, Y-SS-24, 500ml, 1 Litter		\$70.00
	116520	Separable Seal Packing, Y-SS-13, 50 - 300ml		\$55.00
	116540	Inlet Feed Tube (Capillary), TS19/40 Teflon Tube		\$90.00
	142590	Inlet Feed Tube (Capillary), 510mm, TS19/40 for N-1001S		\$90.00
	142600	Inlet Feed Tube (Capillary), 297mm, TS19/40 for N-1001V,T		\$90.00
	116970	Glass Stopper		\$81.00
	116960	Three-way Cock		\$451.00
	112700	Cooling Hose Set, ID 9.0mm, 2m		\$79.00
	174420	Cooling Hose Set, ID 9.0mm, 5m		\$183.00
	143340	Cooling Hose Set, ID 15.0mm, 2m		\$122.00
	174460	Cooling Hose Set, ID 15.0mm, 5m		\$296.00
	119170	Vacuum Hose, ID 6 x OD 15mm x 5m		\$182.00
	119210	Vacuum Hose, ID 12 x OD 30mm x 5m		\$450.00
	143880	Teflon Seal, 1pc		\$275.00

Rotary Evaporator				
Category	Catalog #	Item Description	Voltage	Price
	5600-			
		Spare Parts for N-1110, 1200, 1300 Series		
	142650	Sleeve Pin, 2pcs		\$22.50
	142510	Rotary Joint, 272mm TS24/40 for N-1001S		\$118.00
	142520	Rotary Joint, 178mm TS29 (for V type)		\$108.00
	142550	EYELA Clip, TS24/40, 2pcs		\$30.00
	216840	Evaporating Flask, 1 Litter, TS24/40		\$79.00
	142610	Vacuum Seal, 2 sets		\$126.00
	216890	Receiving Flask, 1 Litter, S35/20		\$95.00
	202790	Ball Joint Clamp		\$47.00
	187780	Diagonal Condenser		\$678.00
	142710	Ring Spring		\$22.50
	142700	Cap Screw		\$45.00
	142690	Vacuum Nozzle Set (White), 3 sets		\$45.00
	178900	Cooling Water Nozzle Set (Light Blue)		\$30.00
	142530	Rotary Joint, 178mm TS24/40 for N-1001V, T		\$118.00
	911160	Adaptor for N-1001V, T		\$506.00
	187790	Vertical Condenser		\$799.00
	268890	Vertical Condenser for N-1300		\$630.00
	268850	Adaptor for N-1300 V Condenser		\$440.00
	142620	Suction Cock		\$60.50
	185240	Condenser Holder		\$165.00
	187920	Dewar Condenser		\$811.00
	116540	Inlet Feed Tube (Capillary), TS19/40 Teflon Tube		\$89.00
	217020	Rotary Joint Ring, TS24/40 (2pcs)		\$31.00
	192610	Flask Remover		\$65.00
	192620	Condenser Support Bar		\$98.00
	195060	Knob Bolt		\$13.50
	216910	Glassware Sets for Diagonal Condenser for TS24/40		\$961.00
	216920	Glassware Sets for Vertical Condenser for TS24/40		\$1,386.00
	216930	Glassware Sets for Dewar Condenser for TS24/40		\$1,373.00
Organic Synthesizer		LOW TEMP BATH WITH MAGNETIC STIRRER		
	W2263400	PSL-1810	115V, 1P	\$10,100.00
		Aluminum Block Cryostat		
	263159	PSL-2500A	115V, 1P	\$5,500.00
		PSL-2500A Aluminum block set		
	262510	Aluminum block set for 10mL		\$880.00
	262500	Aluminum block set for 20mL		\$880.00
	262490	Aluminum block set for 30mL		\$880.00
	262480	Aluminum block set for 50mL		\$850.00
	262470	Aluminum block set for 100mL		\$850.00
	262460	Aluminum block set for 200mL		\$820.00
	262450	Aluminum block set for 300mL		\$690.00
	259630	Aluminum block set for 500mL		\$790.00

Category	Catalog # 5600-	Item Description	Rotary Evaporator	Voltage	Price
	265590	PSL-2500A Aluminium bath set PSL-2500A Aluminium bath set			\$1,300.00
	262240	Aluminum beads of 1L for PSL-2500			\$500.00
	262260	PP balls for PSL-2500			\$150.00
		Magnetic Stirrer			
	123919	RCH-3		115V, 1P	\$490.00
	198959	ERC-1000H		115V, 1P	\$1,008.00
	264269	RCX-1100S		115V, 1P	\$825.00
	264279	RCX-1100D		115V, 1P	\$935.00
		Synthesizer			
	229989	PPV-3461		115V, 1P	\$18,506.00
	230019	PPV-4460		115V, 1P	\$42,200.00
	226499	PPS-5511		115V, 1P	\$18,198.00
	261699	PPM-5512		115V, 1P	\$11,000.00
		Aluminum block			
	239820	BBS-3HLD			\$413.00
		Parts for Synthesizer			
	195650	TEF Screw ring of Φ 30, for PPS-25A (Inc. 5 pcs)			\$86.00
		Flow Reactor			
	264299	CCR-1100G		115V, 1P	\$22,500.00
	262069	NZC-1000		115V, 1P	\$770.00
	262079	NZC-1100		115V, 1P	\$770.00
	262089	NZC-1200		115V, 1P	\$770.00
	262099	NZC-1300		115V, 1P	\$770.00
Freeze Dryer		Freeze Dryer			
	208889	FDU-1200 Main body		115V, 1P	\$4,900.00
		Freeze Dryer component			
	209560	Manifold, PMH-4A			\$1,090.00
	119820	Manifold, PMH-4			\$1,280.00
	120450	Straight adapter for flat bottom flask, Y-FI-1			\$42.00
	120460	Bent adapter for flat bottom flask, Y-FL-1			\$45.00
	120500	Adaptor A for test tube			\$40.00
	145610	Sealing for adaptor for test tube, Y-TA-2			\$34.00
	120510	Adaptor for test tube for PMH-12/24, Y-TB-12			\$53.00
	120520	Adaptor for Ampoule(OD8mm) for PMH-12/24			\$76.00
	119790	Sealed Dry chamber, BSC-2L		100V, 1P	\$3,080.00
	119750	Dry chamber, DRC-2L		100V, 1P	\$2,220.00

Rotary Evaporator				
Category	Catalog #	Item Description	Voltage	Price
	5600-			
		Desk-Top Freeze Dryer		
	261989	FDS-1000 115V 60Hz	115V, 1P	\$6,800.00
	261990	Manifold, PMS-4S for FDS-1000		\$1,100.00
	190850	Oil Pump, GCD-051X		\$3,540.00
	216790	Flask adapter, C type TS24		\$56.10
	119210	vacuum hose, 12x30mm 5m		\$393.80
Low Temperature Circulator		Low Temp. Circulator Bath (Chiller)		
	219959	CCA-1111	115V, 1P	\$2,705.00
	249199	CA-1115A-1	115V, 1P	\$3,165.00
	270140	CA-2610	200V, 1P	\$6,150.00
	199760	CA-3110	200V, 3P	\$8,800.00
	199780	CA-4110	200V, 3P	\$11,800.00
		Option for Circulator		
	222920	Wagon with casters for CA-1111		\$190.00
	185710	O-ring for nozzle use of CCA-1000, 1111		\$20.00
	164500	Clamp set for PSL-1400/1800, NCB-3300		\$198.00
	247180	Rotating L shape fitting for CA-1115A-1		\$38.00
	244940	One-touch insulatin hose for CA-1115A-1, ID6.5xOD10mm/2M		\$76.00
	244950	One-touch insulatin hose for CA-1115A-1, ID6.5xOD10mm/5M		\$180.00
	112700	Ext'l circulation hose for CA-1115A-1, ID9mm x 2M		\$70.00
	174420	Ext'l circulation hose for CA-1115A-1, ID9mm x 5M		\$163.00
Vacuum Pump		Vacuum pump		
	266009	NVP-1000	115V	\$1,690.00
	266019	NVP-2000	115V	\$2,100.00
	266029	NVP-2100	115V	\$2,200.00
	119280	Vacuum hose adaptor E		\$104.00
	263990	Cleaning Tube set for NVP		\$80.00
		Vacuum Controller		
	257249	NVC-2300A	115V, 1P	\$1,805.00
	257269	NVC-2300B	115V, 1P	\$1,805.00
	196910	Teflon Solenoid Valve CV-1 (OD10mm hose nozzle)		\$319.00
	196920	Teflon Solenoid Valve CV-2 (OD13mm hose nozzle)		\$476.00
	211770	Vapor Temp Sensor Set for N-1001S		\$542.00
	211780	Vapor Temp Sensor Set for N-1001V and T Aspirator		\$542.00
	210539	A-1000S	115V, 1P	\$810.00
	119110	Metal Aspirator, AS-3		\$72.00
	119170	Vacuum Hose, ID 6 x OD 15mm x 5m		\$182.00
	119050	Cooling Coil (Copper)		\$232.00
	119060	Cooling Coil (SUS)		\$344.00
	210550	Vacuum gauge with applicable nozzle for A-1000S, VG-1000		\$144.00

Rotary Evaporator					
Category	Catalog # 5600-	Item Description	Voltage	Price	
	212380	Vacuum gauge with regulator and applicable nozzle for A-1000S, VG-1000V		\$215.00	
	119100	Metal Aspirator, AS-2		\$68.00	
	119130	Teflon aspirator, AT-1B		\$92.00	
	Parts for Aspirator				
	185300	Case bottom cover		\$27.00	
	185280	Packing of case bottom cover		\$29.00	
	215220	Bath for A-1000S		\$98.00	
Cold Trap	Cold Trap				
	189219	Cold Trap, UT-2000, 115V	115V, 1P	\$4,460.00	
	199740	Glass condensor set B for UT-1000 / 2000		\$600.00	
	199750	Glass condensor set B for UT-1000 / 2000(Low boiling point)		\$600.00	
	216159	Cold Trap, UT-3000A, 115V	115V, 1P	\$3,650.00	
	216179	Cold Trap, UT-4000A, 115V	115V, 1P	\$5,750.00	
	216189	Cold Trap, UT-4000L, 115V	115V, 1P	\$7,200.00	
	Accessories for UT-1000				
	192410	Lid B with nozzle for UT-2000 / UT-1000		\$270.00	
	Solvent Recovery Unit				
216659	DPE-1120	115V, 1P	\$3,392.00		
Shaker	Water Bath Shaker				
	211859	NTS-4000AL	115V, 1P	\$2,770.00	
	211869	NTS-4000AM	115V, 1P	\$2,840.00	
	211879	NTS-4000BL	115V, 1P	\$3,000.00	
	211889	NTS-4000BM	115V, 1P	\$3,050.00	
	211909	NTS-4000CM	115V, 1P	\$4,600.00	
Incubator	197189	SLI-400	115V, 1P	\$1,480.00	
	197199	SLI-4700	115V, 1P	\$2,250.00	
Peristaltic Pump	Peristaltic Pump				
	252570	Roller set for MP-2000		\$88.00	
	251289	Peristaltic Pump MP-2000	115V, 1P	\$690.00	
	252629	Peristaltic Pump MP-2100	115V, 1P	\$1,200.00	
	251230	Conversion kit to MP-2100		\$420.00	
	Cassete tube type, Peristaltic Pump				
	124749	SMP-23-1	115V, 1P	\$890.00	
	124759	SMP-23-3	115V, 1P	\$1,090.00	
	124769	SMP-23-1S	115V, 1P	\$1,070.00	
	124779	SMP-23-3S	115V, 1P	\$1,270.00	

Category	Catalog #	Item Description	Voltage	Price
Rotary Evaporator				
5600-				
Adapting tube set for MP-2000				
	252680	Silicon Tube ID1.15xOD3.2(mm) 1 piece		\$20.00
	252690	Silicon Tube ID2.15xOD4.2(mm) 1 piece		\$21.00
	252700	Silicon Tube ID3.15xOD5.2(mm) 1 piece		\$22.00
	252710	Silicon Tube ID3.7xOD6.1(mm) 1 piece		\$23.00
	252720	Pharmed Tube ID1.15xOD3.2(mm) 1 piece		\$20.00
	252730	Pharmed Tube ID2.15xOD4.2(mm) 1 piece		\$21.00
	252740	Pharmed Tube ID3.15xOD5.2(mm) 1 piece		\$22.00
	252750	Pharmed Tube ID3.7xOD6.1(mm) 1 piece		\$23.00
	252760	Tygon Tube ID1.15xOD3.2(mm) 1 piece		\$18.00
	252770	Tygon Tube ID2.15xOD4.2(mm) 1 piece		\$19.00
	252780	Tygon Tube ID3.15xOD5.2(mm) 1 piece		\$20.00
	252790	Tygon Tube ID3.7xOD6.1(mm) 1 piece		\$24.00
	252800	Fluran Tube ID1.15xOD3.2(mm) 1 piece		\$60.00
	252810	Fluran Tube ID2.15xOD4.2(mm) 1 piece		\$65.00
	252820	Fluran Tube ID3.15xOD5.2(mm) 1 piece		\$70.00
	252830	Fluran Tube ID3.7xOD6.1(mm) 1 piece		\$80.00
Parts for PUMP				
	151100	Tube Holder for RP-2000, Φ 4.76x Φ 7.94		\$43.00
	151110	Tube Holder for RP-2000, Φ 6.35x Φ 9.53		\$43.00
	151120	Tube Holder for RP-2000, Φ 7.94x Φ 11.11		\$43.00
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