

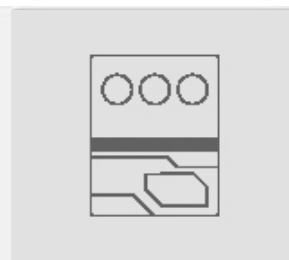
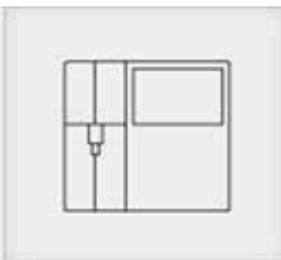


Yamato Scientific America

Innovating Science for over 125 years

YAMATO PRODUCT DIGEST

Direct Sales Products



SPRAY DRYER

Compact & Economical



	Evaporated water amount	Temp. control range
ADL311SA	Max. 1300 mL/h	40~220°C

Large Capacity



	Evaporated water amount	Temp. control range
DL410	Max. 3000 mL/h	40~300°C

Versatile



	Evaporated water amount	Temp. control range
GB210A	Max. 1300 mL/h	40~220°C



	Granulation processing capacity	Temp. control range
GB210B	50 to 300g	40~220°C

Organic Solvent Recovery Unit



	Circulation flow	Solvent recovery capacity
GAS410	0.12~0.65 m ³ /min	1300 mL/h or more

FREEZE DRYER

LABORATORY SHAKER



DC SERIES	Trap cooling temp.	Dehumidify amount
DC401	-45°C	0.6L
DC801	-85°C	1.0L



SA SERIES	Shaking speed: horizontal	Shaking speed: vertical
SA300	20~300 rpm	20~300 rpm
SA320	20~210 rpm	20~210 rpm
SA400	Not applicable	20~300 rpm

WATER PURIFIER

Auto Still



WG SERIES	Purified water / Water quality	Tank capacity
WG251	Deionized water: Type 1 / A4	30L
WG1001	Distilled water: Type 2 / A4	100L



WG SERIES	Purified water / Water quality	Tank capacity
WG204	Deionized water: Type 1 / A4 Distilled water: Type 2 / A4	20L



WA SERIES	Purified water / Water quality	Tank capacity
WA511	Deionized water: Type 1 / A4 Distilled water: Type 4 / A1	100L
WA711		
WA731		



WS SERIES	Purified water / Water quality	Tank capacity
WS201	Distilled water: Type 4 / A1	20L
WS221		

WATER PURIFIER

Pure Line



WE SERIES	Purified water / Water quality	Water collection
WE200	Deionized water: Type 1 / A4	0.5~1.0 L/min.



shown with optional shelf plate

WL SERIES	Purified water / Water quality	Tank capacity
WL200	Deionized water: Type 2 / A3	-
WL220		-
WL220T		3L



WL SERIES	Purified water / Water collection	No AC power supply needed
WL100	Distilled water / 2.5 L/min.	

Labo Cube



WL SERIES	Purified water / Water quality	Water collection
WL320A	Deionized water: Type 2 / A4	1.0 L/min.
WL320B		

PLASMA CLEANER

Gas Plasma Dry Cleaner



PDC SERIES	High frequency output	Electrode structure
PDC200	300W	Parallel flat stage plate
PDC210	500W	
PDC510	500W	

PDC SERIES	High frequency output	Electrode structure
PDC610G	600W	3 stage independent parallel flat plates

Gas Plasma Reactor



PR SERIES	High frequency output	Reaction chamber
PR200	200W	Pyrex glass x 1 chamber
PR300	300W (100W x 3 chambers)	Pyrex glass x 3 chambers
PR301	300W	Pyrex glass x 1 chamber

PR SERIES	High frequency output	Reaction chamber
PR500	Max. 500W	Quartz x 1 chamber
PR510		

LABORATORY FURNITURE

Fume Hood



MS / MV SERIES	Air volume	Worktop
MS90C	7m ³ /min	Stainless steel (SUS304)
MV90C		Hard polyethylene



LDS SERIES	Type: Standard, Air curtain, Benchtop, Low-ceiling
120/150/180	Exterior: Cool-milling steel, chemical resistant baked paint finish Interior: Non-asbestos, non-combustible decorative board (baffle plate: multi-slit)

Industrial Clean Bench



ADS SERIES	Working space height	Air volume	Air flow direction
ADS101	M: 720mm H: 875mm	~13 (m ³ /min)	Vertical
ADS131		~17 (m ³ /min)	
ADS161		~22 (m ³ /min)	
ADS191		~26 (m ³ /min)	



AHS SERIES	Working space height	Air volume M/H	Air flow direction
AHS101	M: 720mm H: 875mm	~16/20 m ³ /min	Horizontal
AHS131		~22/27 m ³ /min	
AHS161		~27/33 m ³ /min	
AHS191		~32/39 m ³ /min	

CUSTOMIZED INDUSTRIAL PRODUCTS

Combination Forced Convection Oven



	Temperature range	Internal dimensions
C1-006	RT +10~260°C	W700xD500x500mm (single)
Platform stands to combine units / Customized chamber dimensions		

Large Walk-in Forced Convection Oven



	Temperature range	Internal dimensions
C4-008	RT +10~100°C	W3500xD3500x3000mm
Double door structure / Anti-lock mechanism		

Fully Automatic Conveyor Drying Oven



	Temperature range	Conveyor speed
C1-007	RT +20~80°C	0.035 - 0.35 m/min
Adjustable conveyor speed capable of multiple treatment processes		

Large Capacity Low Temperature Chamber



	Temperature range	Internal capacity
YY-711	-20~50°C	800L
Size can be specified according to needs		

Large Autoclave



YYK SERIES	Operating temperature / pressure range	Internal dimension
YYK500	RT +10~70°C 0.101~0.9MPa	ø500mm x 850Lmm
YYK750		ø750mm x 1100Lmm
YYK800		ø800mm x 1100Lmm
YYK900		ø900mm x 1300Lmm
Customized chamber dimensions		