

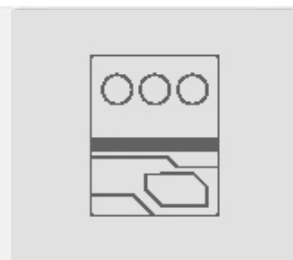
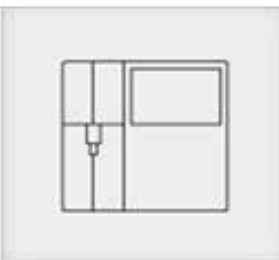


# Yamato Scientific America

Innovating Science for over 125 years

# YAMATO PRODUCT DIGEST

## Direct Sales Products



**SPRAY DRYER**

**Compact & Economical**



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

**Large Capacity**



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

**Versatile**



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



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

**Organic Solvent Recovery Unit**



	Circulation flow	Solvent recovery capacity
<b>GAS410</b>	0.12~0.65 m³/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



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



*shown with optional shelf plate*

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



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

## Labo Cube



<b>WL SERIES</b>	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 <sup>3</sup> /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 <sup>3</sup> /min)	Vertical
ADS131		~17 (m <sup>3</sup> /min)	
ADS161		~22 (m <sup>3</sup> /min)	
ADS191		~26 (m <sup>3</sup> /min)	



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

# CUSTOMIZED INDUSTRIAL PRODUCTS

## Combination Forced Convection Oven



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

## Large Walk-in Forced Convection Oven



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

## Fully Automatic Conveyor Drying Oven



	Temperature range	Conveyor speed
<b>C1-007</b>	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
<b>YY-711</b>	-20~50°C	800L
Size can be specified according to needs		

## Large Autoclave



<b>YYK SERIES</b>	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		