



Yamato Scientific America

Innovating Science for over 125 years

YAMATO PRODUCT DIGEST

General Distribution Products



OVEN

Natural Convection Oven



DX SERIES	Temperature range	Internal capacity
DX302C/312C	RT +5~300°C	28L
DX402C/412C		74L
DX602C/612C	RT +5~280°C	153L



DVS SERIES	Temperature range	Internal capacity
DVS402C/412C	RT +5~260°C	99L
DVS602C/612C		162L



DR SERIES	Temperature range	Internal capacity
DR200	300~700°C	13.75L



DG SERIES	Temperature range	Internal capacity
DG400C/410C	RT +5~70°C	92L
DG440C/450C		
DG800C/810C		445L
DG840C/850C		

Forced Convection Oven



DKM SERIES	Temperature range	Internal capacity
DKM300C/310C	RT +10~260°C	27L
DKM400C/410C		90L
DKM600C/610C		150L



DKN SERIES	Temperature range	Internal capacity
DKN302C/312C	RT +10~260°C	27L
DKN402C/412C		90L
DKN602C/612C		150L
DKN812C		300L
DKN912C	RT +10~210°C	535L

OVEN

Forced Convection Oven



DNE SERIES	Temperature range	Internal capacity
DNE401/411	RT +20~210°C	90L
DNE601/611		150L
DNE811	RT +15~210°C	300L
DNE911		540L



DNF SERIES	Temperature range	Internal capacity
DNF301	RT +15~260°C Wind velocity 1~10	27L
DNF401/411		90L
DNF601/611		150L
DNF811		300L
DNF911		540L

Fine Oven



DF SERIES	Temperature range	Internal capacity
DF412	RT +15~260°C	91L
DF612		216L
DF832	RT +15~200°C	512L
DF1032		1000L



DH SERIES	Temperature range	Internal capacity
DH412	RT +15~360°C	91L
DH612		216L
DH832	RT +15~300°C	512L
DH1032		1000L

Vacuum Oven



ADP SERIES	Temperature range	Internal capacity
ADP200C/210C	40~240°C	10L
ADP300C/310C		27L



DP SERIES	Temperature range	Internal capacity
DP43C	40~200°C	91L
DP63C		216L

OVEN

Vacuum Oven



DP SERIES	Temperature range	Internal capacity
DP83C	40~200°C	512L
DP103C		1000L

Inert Oven



DN SERIES	Temperature range	Internal capacity
DN411IE	RT +15~360°C	95L
DN611IE		223L

Clean Oven



DE/DT SERIES	Temperature range	Internal capacity
DE411	RT +30~260°C	91L
DE611		216L
DT411	RT +30~360°C	91L
DT611		216L



DES/DTS SERIES	Temperature range	Internal capacity
DES830	RT +30~260°C	327L
DTS830		

MUFFLE FURNACE



FO SERIES	Temp range	Capacity		Temp range	Capacity
FO100CR/110CR	100~1150°C	1.5L	FO510CR	100~1150°C	11.3L
FO200CR/210CR		3.75L	FO610CR		17.5L
FO300CR/310CR		7.5L	FO710CR		23.6L
FO410CR		9L	FO810CR		30L



FP SERIES	Temperature range	Internal capacity
FP102	100~1150°C	1.5L
FP302/312		7.5L
FP412		11.3L

STERILIZER

Steam Sterilizer



SK SERIES	Temperature range	Internal capacity
SK101C/111C	50~126°C	18L



SK SERIES	Temperature range	Internal capacity
SK200C/210C	50~126°C	24L
SK300C/310C		30L



SN SERIES	Temperature range	Internal capacity
SN300C/310C	45~135°C	32L
SN500C/510C		47L



SQ SERIES	Temperature range	Internal capacity
SQ500C/510C	45~135°C	50L
SQ810C		80L

Steam Sterilizer with Dryer



SM SERIES	Temperature range	Internal capacity
SM201/211	Sterilization 105 to 123°C Drying 150 to 180°C	20L
SM301/311	Sterilization 105 to 128°C	32L
SM501/511	Drying 150 to 180°C	47L



SM SERIES	Temperature range	Internal capacity
SM520/530	45~60°C (retain temp.) 45~80°C (preheat temp.) 105~135°C (sterilize)	50L
SM820/830	60~110°C (liquefy) 135~150°C (dry)	80L

STERILIZER

Dry Sterilization



SI SERIES	Temperature range	Internal capacity
SI401	RT + 5~260°C	77L
SI601		159L



SK SERIES	Temperature range	Internal capacity
SK401	RT +5~260°C	99L
SK601		162L
SK801/811	RT +5~210°C	300L

INCUBATOR

Natural Convection



IC SERIES	Temperature range	Internal capacity
IC103C/113C	RT +5~80°C	37L
IC403C/413C		97L
IC603C/613C		159L
IC803C/813C		318L
IC903C/913C		567L

Forced Convection



IN SERIES	Temperature range	Internal capacity
IN604	-10~+50°C	143L
IN604W		
IN804		286L
IN804W		



INE SERIES	Temperature range	Internal capacity
INE800	0~+60°C	286L

ROTARY EVAPORATOR

Basic & Economical



RE SERIES	Water/Oil bath capacity	Lifting feature
RE201/211	4L or 7L / 7L	Manual



RE SERIES	Water/Oil bath capacity	Lifting feature
RE301	4L / 4L	Motorized

Highly Functional & Programmable



RE SERIES	Water/Oil bath capacity	Lifting feature
RE601	4L / 4L	Motorized



RE SERIES	Water/Oil bath capacity	Lifting feature
RE801	4L / 4L	Motorized

CONSTANT TEMPERATURE BATH

Water Bath



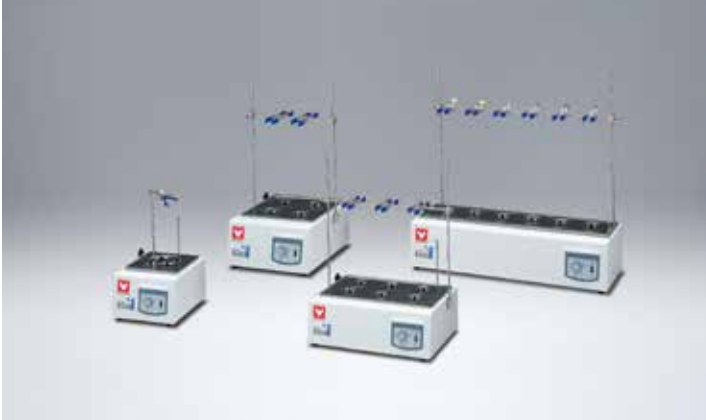
BM SERIES	Temperature range	Internal capacity
BM100/110	RT +5~95°C	4L
BM200/210		7L
BM401/410		



BM SERIES	Temperature range	Internal capacity
BM500/510	RT +5~90°C	4L

CONSTANT TEMPERATURE BATH

Water Bath



BS SERIES	Temperature range	Bath capacity
BS200	RT + 5°C~Water boiling point	4.7L
BS401		9L
BS601		12L
BS660		14L



BK/BA SERIES	Temperature range	Bath capacity
BK/BA300	RT +5~80°C	27L
BK/BA400		42L
BK/BA500		70L
BK/BA610		109L
BK/BA710		144L



BH SERIES	Temperature range	Bath capacity
BH401	RT +15~100°C	13L
BH501	RT +15~200°C	

Dual use: water or oil bath



BBL SERIES	Temperature range	Bath capacity
BBL101	-10~+80°C	8L
BBL301		13L

Immersion Temperature Control Device



BF SERIES	Temperature range	Stirrer
BF201	-20~90°C	Propeller stirring
BF401		Water jet stirring
BF501		Water jet stirring
BF601	0~200°C	Propeller stirring

Dual use: water or oil bath



BE SERIES	Temperature range	Cooling capacity
BE201	-20~+35°C	190W at 0°C
BE201F		
BE301		350W at 0°C

CONSTANT TEMPERATURE BATH

Oil Bath



BO SERIES	Temperature range	Bath capacity
BO400/410	RT +10~180°C	4L



BO SERIES	Temperature range	Bath capacity
BO500 <i>in combination with MB800 stirrer</i>	RT +5~199°C	5.2L



BO SERIES	Temperature range	Bath capacity
BO601	RT +5~180°C	7L



BOA SERIES	Temperature range	Bath capacity
BOA200	RT +10~200°C	37L
BOA310	RT +10~270°C	

WATER CIRCULATOR & COLD TRAP

Water Circulator (Chiller)



CF SERIES	Temperature range	Bath capacity
CF301	-20°C ~ Room temp.	4L (liquid 3L)
CF800		16L (liquid 14L)

Cold Trap



CA SERIES	Max. low temperature	Internal capacity
CA301	-45°C	4L (liquid 3L)
CA801	-85°C	

STIRRER & SHAKER

Stirrer



LM SERIES	Temperature range	Speed range
LM100	5~35°C	50~1000 rpm
LM110		
LM200		
LM210		



LT / LR SERIES	Maximum speed	Viscosity of sample
LT400	3000 rpm	Low to high
LT500	1200 rpm	Medium to high
LR500A	340 rpm	Low to high
LR500B	1000 rpm	

Shaker



MH / MG SERIES	Stirring rate	Stirring capacity
MH301	400~1500 rpm	100~3000 ml
MH520 (50Hz/60Hz)	150~1150/150~1300 rpm	50~5000 ml
MH800	100~1400 rpm	200~10000 ml
MG600H	300~1500 rpm	100~2000 ml x 6



MK SERIES	Shaking mode	Shaking frequency
MK161	Rotary, elliptical, reciprocate	20~200 rpm
MK201D	Rotary, reciprocate	20~200 rpm <i>random adjustment</i>

LABORATORY WASHER



AW SERIES	Capacity	Washing water temp.
AW47	Test tube 450 pcs. (16.5 ml) Volumetric flasks 36 pcs. (100 ml)	Room Temp ~60°C



AW SERIES	Capacity	Washing water temp.
AW62	Test tube 600 pcs. (16.5 ml) Volumetric flasks 42 pcs. (100 ml)	45~85°C