

Autoclaves

FYG Series



FYG1: Fully automatic

FYG2: Fully automatic, automatic water feeding, fast cooling fan

FYG3: Fully automatic, automatic water feeding, fast cooling fan, drying function

Model	Dimensions (cm)	Capacity (L)
FYG136	460x542x1070	36
FYG236		
FYG336		
FYG154	460x680x1040	54
FYG254		
FYG354		
FYG180	620x680x1040	80
FYG280		
FYG380		
FYG2100	620X680X1140	100
FYG3100		

Function Table

Function Table		FYG336	FYG236	FYG136
		FYG354	FYG254	FYG154
		FYG380	FYG280	FYG180
		FYG3100	FYG2100	=
Sterilization mode	Solid mode: Heating-Sterilizing-Exhausting	Yes	-	-
	Solidwithdrying mode:Heating- Sterilization-Exhausting-Water drainage-Drying	Yes	No	No
	Liquid mode: Heating-Sterilizing- Pre cooling-Exhausting	Yes	Yes	Exhausting controlled by a knob
	Liquid with warmingmode:Heating- Sterilizing-Precooling- Exhausting-Warming	Yes	Yes	No
	Agar mode:Heating-Melting- Warming	Yes	Yes	Yes
Preset range of exhausting temperature		73-104°C	73-104°C	Exhausting controlled by a knob
Preset range of drying time		1-300min	No	No
Status flow chart that displays work processes		Yes	Yes	Status indicator
Timed startup		0min-6days delayed	0min-6days delayed	No
Procedures created		60	60	20

Specification Table	FYG136	FYG154	FYG180	-
	FYG236	FYG254	FYG280	FYG2100
	FYG336	FYG354	FYG380	FYG3100
Capacity (L)	36	54	80	100
Dimensions (w * d * h) (mm)	460x542x1070	460x542x1070	620x680x1040	620x680x1140
Chamber (Dia*H, mm)	Φ320×530	Φ320×730	Φ400×700	Φ400×800
Rated power supply	220V 50Hz/60Hz			
Rate power(W)	2300	2900	4600	4600
working environment	5°C-138°C,relative humidity 10%-85%			
Chamber material	SUS304			
Sterilization temperature	105—135°C			
Range of melting time	1—300min			
Melting temperature	60—100°C			
Range of melting time	1—300min			
Preset range of warming temperature	45—60°C			
Preset range of warming time	1—9999min			
Exhausting mode	Fully automatic internal discharging embedded with a steam trapping bottle			
Range of pressure gauge	0-0.6MPa			
Controller	“SMART III” microcomputer control system			
Memory system	Memorable, no disappear even power off			
Safety device	Self-induction pressure interlocking device, over temperature protection system, dry scorch protection system, overpressure protection, safety valve, over current and short circuit protection, cover inspection system, leakage protection device, anti-scald safety protection and automatic troubleshooting system			
Stainless steel basket	2pieces	3pieces	3pieces	3pieces
Optional parts	Printer and printing set			

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Autoclaves

FYR Series (*NEW*)



Model	Dimensions (cm)	Capacity (L)
FYR160	460x542x1070	60
FYR260		
FYR360		
FYR185	460x680x1040	85
FYR285		
FYR385		
FYR1110	620X680X1140	110
FYR2110		
FYR3110		

FYR1: Fully – automatic , whole process shown by indicator

FYR2: Fully-automatic, whole process shown by flow chart

FYR3: Fully-automatic, drying function based on Type 2

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Function Table		FYR360	FYR260	FYR160
		FYR385	FYR285	FYR185
		FYR3110	FYR2110	FYR1110
Sterilization mode	Solid mode: Heating-Sterilizing-Exhausting and air cooling	YES	YES	YES
	Solid with drying mode: Heating-Sterilizing-Exhausting and air cooling-water drainage-drying	YES	NO	NO
	Liquid mode: Heating-sterilizing-Pre cooling- Steam exhausting	YES	YES	YES
	Waste Mode: Heating-Sterilizing-Steam exhausting and air cooling	YES	YES	YES
	Waste Mode:Heating-Sterilizing-Steam exhausting and air cooling	YES	YES	YES
	Agar Mode: Heating-Melting-Warming	YES	YES	YES
Automatic water feeding		STANDARD	STANDARD	NO
Water level sensor		STANDARD	STANDARD	NO
Cooling fan		STANDARD	STANDARD	OPTIONAL
Load thermometer		OPTIONAL	OPTIONAL	OPTIONAL
Printer		OPTIONAL	OPTIONAL	OPTIONAL
Memory system		Create 60 procedures	Create 60 procedures	Create 20 procedures

Specification Table	FYR160	FYR185	FYR1110
	FYR260	FYR285	FYR2110
	FYR360	FYR385	FYR3110
Capacity(L)	60	85	110
Chamber Dimension(Dia*H, mm)	φ400×505	φ400×700	φ400×895
Chamber material	SUS304		
Rated power supply	220V/50Hz		
Rate power(W)	2900	4600	4600
Sterilization temperature	105—138°C		
Range of sterilization time	1—300 minutes		
Melting temperature	60—100°C		
Range of melting time	1—300 minutes		
Warming temperature	45—60°C		
Range of melting time	1—9999minutes		
Preset range of cooling lock OPEN temperature	40-99°C for solid and agar modes and 40-80°C for liquid and waste modes		
Preset range of steam exhausting temperature	73—104°C		
Exhausting mode	Fully automatic internal discharging Embedded with a steam trapping bottle		
Way of opening lid	Flip type		
Preset range of timer	0 minute-6 days delayed		
Preset range of timer	0-0.6MPa		
Preset temperature of chamber lid opening	presentable		
Rated working pressure	0.27 MPa		
Controller	“inspiration” fast-speed microcomputer intelligent control system		
Safety device	“eight-column evenly distributed” interlocking device, electric double inner locks, dry scorch protection, overpressure protection, safety valve, over temperature protection, over current and shortcircuit protection, leakage protection, cooling lock, anti-scald chamber cover and bench, automatic troubleshooting		
Accessories	drainage hose, water plate, exhaust bottle		
	Two stainless steel baskets	Three stainless steel baskets	Three stainless steel baskets
Other accessories	Stainless steel pail, printer, cooling fan, Article thermometer optional		