GI T SERIES Autoclave

Type T: Semi-automatic, whole process shown by indicator
Type TW: Fully-automatic, whole process shown by flow chart
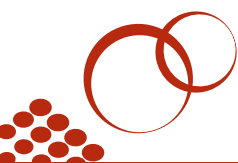Type TR: Fully-automatic, drying function based on Type TW

◆ FunctionTable

Features / Model		GI36TR/GI54TR GI80TR/GI100TR	GI36TW/GI54TW GI80TW/GI100TW	GI36T/GI54T GI80T/GI100T
Sterilization mode	Solid mode: Heating-Sterilizating-Exhausting	Yes	Yes	Exhauting controlled by a knob
	Solidwithdrying mode:Heating-Sterilization-Exhausting-Water drainage-Drying	Yes	No	No
	Liquid mode:Heating-Sterilizing-Precooling-Exhausing	Yes	Yes	Exhauting 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℃	73-104℃	Exhauting 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

Features / Model	GI36T GI36TW GI36TR	GI54T GI54TW GI54TR	GI80T GI80TW GI80TR	GI100T GI100TW GI100TR
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℃-138℃,relative humidity 10%-85%			
Chamber material	SUS304			
Sterilization temperature	105135℃			

Range of melting time	1300min
Melting temperature	60100℃
Range of melting time	1300min
Preset range of warming temperature	4560℃
Preset range of warming time	19999min
Exhausting mode	Fully automatic internal discharging embedded with a steam trappingbottle
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 protectionsystem, dry scorch protection system, overpressure protection, safety valve,over current and short circuit protection, cover inspection system, leakageprotection device, anti-scald safety protection and automatic troubleshootingsystem

Stainless steel basket	2pieces	3pieces	3pieces	3pieces
Optional parts	Printer and printing set			

GR SERIES Autoclave

Opening way: flip top
Type DA: Fully automatic, basic model
Type DF: Automatic water feeding and fast cooling based on Type DA
Type DR: Automatic drying function based on Type DF

◆ FunctionTable

Features \ Model		GR60DR GR85DR GR110DR	GR60DF GR85DF GR110DF	GR60DA GR85DA GR110DA
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 with warming mode: Heating-Sterilizing-Precooling-Exhausitng- Warming	YES	YES	YES
	Liquid mode: Heating-sterilizing-Precooling-Steam exhausting	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

Features \ Model	GR60DR GR60DF GR60DA	GR85DR GR85DF GR85DA	GR110DR GR110DF GR110DA
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	105138℃		
Range of sterilization time	1300minutes		
Melting temperature	60100℃		
Range of melting time	1300minutes		
Warming temperature	4560℃		
Range of melting time	19999minutes		
Preset range of drying time	1-300minutes(only for GR60DR/GR85DR/GR110DR)		
Preset range of cooling lock OPEN temperature	40-99℃ for solid and agar modes and 40-80℃ for liquid and waste modes		
Preset range of steam exhausting temperature	73104℃		
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	presettable		
Rated working pressure	0.27 MPa		
Controller	"inspiration" fast-speed microcomputer intelligent control system		
Safety device	"eight-column evenly distributed" interlockingdevice, electric double inner locks, dry scorch protection, over-pressureprotection, safety valve, over temperature protection, over current and shortcircuit protection, leakage protection, cooling lock, anti-scald chamber coverand bench, automatic troubleshooting		
Accessories	drainage hose, water plate, exhaustbottle		
	Two stainless steel baskets	Three stainless steel baskets	Three stainless steel baskets
Other accessories	Stainless steel pail, printer, cooling fan, Article thermometer optional		

GR60DA

Uniclave Series Autoclave

Type A: Fully automatic, basic Model
Type R: Drying function based on Type A

◆ FunctionTable

Model	FD36A	FD50A	FD80A	FD100A
	FD36R	FD50R	FD80R	FD100R
Capacity(L)	36	50	80	100
Outer dimension(mm)	460x542x960	460x542x1070	620x680x1042	620x680x1222
Sterilization chamber size(mm)	325x460	325x670	400x709	400x889
Rated power supply	220V 50Hz/60Hz			
Rated power(W)	2300	2600	4600	4600
Working environment	5℃-40℃, relative humidity 10%-85%			
Chamber material	SUS 304 stainless steel			
Sterilization temperature	105-135℃			
Sterilization time	1-300 min			
Drying Time	1-300 min(only available for Type R)			
Range of pressure gauge	0-0.4Mpa			
Controller	Microcomputer control system			
Mode	Solid mode, liquid mode, drying function of Type R			
Safety Device	Self-induction interlocking device, over temperature protection system,dry scorch protection, over pressure protection, safety valve, over current and short circuit protection, cover checking system, electric leakage protection, scald protection, automatic failure-inspection system			
Standard accessories	Stainless steel bakets,waste bottle, water plate, drainage hose			
Optional parts	Printer, printing set, stainless steel pails			