



ZEALWAY INSTRUMENT INC.



CE-PED ISO9001 ISO13485

GF SERIES AUTOCLAVE

GR SERIES AUTOCLAVE

GI T SERIES AUTOCLAVE

GI DP SERIES AUTOCLAVE

FD SERIES AUTOCLAVE

GW SERIES HORIZONTAL AUTOCLAVE

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Catalog >>>

In this world,
Thousands of laboratory autoclaves are produced
everyday, Only a tiny part of them can satisfy more
demanding requirements:
Safer, easier, more intelligent and more tasteful...
The more requirements are demanded, the greater
missions are given.
ZEALWAY is destined to be the representative of
higher-end products!



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About Zealway >>>

With the belief that scientific and technological progress will benefit mankind, a deep understanding of the sterilization equipment field, and a commitment to technological innovation, Zealway has provided safe, efficient and convenient sterilization solutions to researchers and professionals for more than 20 years. Zealway Instrument Inc is a globally recognized specialist manufacturer of sterilization equipment. Its head office is located in the US state of Delaware, with offices also located in Australia, China, Thailand and elsewhere.

For the last 20 years, Zealway's autoclaves have been recognized by customers around the world for their outstanding performance, and stylish and elegant appearance. To serve its users even better, in 2006 Zealway Instrument Inc entered the Chinese market, where it quickly became a leader in high-end sterilization equipment, with sales spanning different sectors such as medicine, scientific research, government agencies and enterprises.

PRODUCT SPARE PART BRANDS COLLECTION >>>

Why we are unique and worth our price?

ZEALWAY AUTOCLAVE SPARE PARTS' BRANDS >>>

To make sure the excellent quality, ZEALWAY only use the best spare parts for manufacturing Autoclave, below are part of the spare parts and brands:



SIEMENS



PHILIPS



EPSON®



TDK



WIKAI



KITF



OMRON



GI T SERIES AUTOCLAVE

LCD screen, new generation GI T, continue to save your lab space...



GI T SERIES:

NEW-generation Fully-automatic Autoclave

Microcomputer control system

“SMART IIII” microcomputer control system is adopted to realized not only intelligent controls of the sterilization process but also the classified management of instruments (user, administrator and engineer three levels included).As a result, we can guarantee satisfactory use and management of autoclaves.

Multilayered pressure protection system

Our patented pressure interlocking device can automatically sense the pressure in the sterilization chamber and tightly locked, which effectively prevent personal injuries caused by spraying steam arising from misoperation.The system can monitor the pressure changes in the sterilization chamber on a real-time basis. Upon detection of any pressure anomaly, the dual overpressure protection system consisting of a safety valve and a pressure protective device will be actuated immediately to relieve pressure or disconnect power supply.

Unique anti-scald design

The cover and bench of the sterilization chamber are made of special plastic to give a nice look and avoid causing corrosions and scald. The unique steam discharge and collection system can help to prevent scald.

Multiple sterilization cycles and memory system

5 sterilization cycles are preset for sterilization, drying, warming of solid and liquid articles and for melting and warming of agar separately.

Temperature and pressure

Sterilization temperature:105 to 135°C,designed pressure:0.3Mpa

Big LCD Screen can clearly show all the sterilization data and process



Over temperature protection system

The system can monitor the temperature changes in the sterilization chamber on a real-time basis and disconnect power supply immediately upon detection of over temperature or abnormal temperature variation.

Automatic troubleshooting system

Troubleshooting is conducted automatically upon startup. Acoustic alarms will be given and Error Number will be displayed on the screen if any trouble occurs during equipment operation.

Safety and Function

Self-induction pressure interlocking device, lid closing checking, over temperature protection, temperature monitor, dry scorch protection system, over pressure protection, safety valve, over current and short circuit protection, leakage protection device, anti-scald safety protection, automatic troubleshooting system

Technical Data

Model	GI36TW	GI54TW	GI80TW	GI100TW
	GI36TR	GI54TR	GI80TR	GI100TR
Model difference	TW: Standard + cooling fan, TR: TW+drying			
Capacity(L)	36	54	80	100
Dimension(L*W*H,mm)	460x542x1070	460x542x1070	620x680x1100	620x680x1200
Chamber dimension(Dia*H,mm)	Φ 325x460	Φ 325x670	Φ 400x709	Φ 400x809
Chamber material	SUS 304			
Rate power supply(w)	2300	2600	4600	4600
Power requirement	220V,16A. 50/60HZ		220V,32A. 50/60HZ	
Working environment	5-45℃, relatively humidity 10%-85%			
Stainless steel basket(Dia*H,mm)	(Φ 300x200)x2	(Φ 300x200)x3	(Φ 360x280)x2	(Φ 360x220)x3
Temperature accuracy	0.1℃			
Working environment	5-45℃, relatively humidity 10%-85%			
Display system	LCD displayer			
Sterilization temperature	105-135℃			
Sterilization time range	1-6000 minutes			
Melting temperature	60-100℃			
Melting time	1-6000 minutes			
Warming temperature	45-60℃			
Warming time range	1-9999 minutes			
Drying temperature(TR)	Drying time range 1-300 minutes, drying temperature:80-140℃			
Sterilization cycle	1.Liquid 2.Liquid with warming 3.Solid 4.Instruments packed with cloth 5.Fabric 6.Rubber 7.Fast 8.Waste 9.Agar melting 10.Self defined 11.Drying (only for drying models)			
Sterilization cycle number	Can save up to 60 cycles, record 1000 process, and USB port			
Exhaust	Automatic internal discharging , with a steam collecting bottle inside. Exhaust speed can be selected by 6 levels			
Preset range of timer	Can be preset and auto start up to 6 days in advance			
Display range of pressure gauge	-0.1-0.5Mpa			
Pressure	Max working pressure:0.25Mpa,design pressure:0.3Mpa			
Controller	“Smart IIII” fast speed microcomputer controller			
Safety device	Self-induction pressure interlocking device, lid closing checking, over temperature protection, temperature monitor, dry scorch protection system, over pressure protection,safety valve,over current and short circuit protection, leakage protection device,anti-scald safety protection, automatic troubleshooting system			