

**“DAIHAN” WiseClave® WACS Steam Sterilizers, Digital PID Controlled Standard/Programmable Autoclaves Fully Automatic Sterilizing Operation, 2×Wire Basket, up to 132 °C, Max.2 Kgf/cm<sup>2</sup>,45-/60-/80-/100-Lit.**



Digital PID Controlled Autoclave (WACS-1060)

- Microprocessor Controlled Fully Automatic Sterilizing Operation
- Display of Current & Set Temperature and Remaining Time for User Convenience

**Application & Features**

- \* Ideal for Biotechnology, Clinical, Environmental, Medical and Food Industry
- \* Casters equipped for Excellent Mobility
- \* Top-loading Sterilizers for Easy Loading of Large Working Volume
- \* Microprocessor Controlled Fully Automatic Sterilizing Operation
- \* Fully automatic Operation : Push just One Button to Cycle the Unit from Start to Finish (WACS-1XXX)
- \* Program Function : 1 Program, 10 Steps, 999 Cycles (WACS-2XXX Models)
- \* Complete Safety Pressure Mechanism
  - \* Strong and Safety Screw Handle Door
- \* Over Temperature, Pressure, Current Protection Capability and Automatic Over Pressure Release Valve ensure User Safety
- \* Display of Current & Set Temperature and Remaining Time for User Convenience
- \* Heat-Protective Lid Cover for User Safety

**Specification**

Model		WACS-1045	WACS-1060	WACS-1080	WACS-1100
Controller		Fully Automatic Microprocessor PID Controller			
Model		WACS-2045	WACS-2045	WACS-2080	WACS-2100
Controller		Programmable Digital Microprocessor PID Controller 1 Program, 10 Steps, 999 Cycles			
Dimension (w×d×h)	Inner (mm)	φ 300×h650	φ 300×h650	φ 400×h650	φ 450×h630
	Outer (mm)	680×470×880	680×470×900	780×580×900	780×580×900
Dimension of Basket		φ 270×h250	φ 320×h250	φ 370×h250	φ 420×h250
Heater		2 kW	3 kW	2 kW × 2	2 kW × 2
Capacity		45 Lit.	60 Lit.	80 Lit.	100 Lit.
Temp.	Range	Ambient 5°C to 132°C			
	Accuracy	±0.5°C at 121°C			
Display		Digital LED for WACS-1XXX models Digital LCD for WACS-2XXX models			
Timer		99 hr 59 min 59 sec			
Pressure		1.2 Kgf/cm <sup>2</sup> at 121°C, 2.0 Kgf/cm <sup>2</sup> at 132°C			
Gauge		0 ~ 3 kgf/cm <sup>2</sup>			
Material	Pressure Vessel	Stainless Steel (# 304)			
	External	Powder Coated Steel			
Door Locking		One Touch Pressure Handle Type			
Safety Device		Over Temp., Over Pressure and Over Current Protector			
Basket		2ea of Wire Baskets Included			
Others		PL(Product Liability) Insurance			
Packing Dimension (w×d×h) (mm)		800×700×1,280		940×800×1,330	
Gross Weight		116 kg	120 kg	171 kg	173 kg
Power Consumption		2 kW	3 kW	4 kW	4 kW
Power Supply*		2 Pole Plug		3 Pole Plug	
		AC 110 V, 60 Hz or AC 220 V, 50 / 60 Hz, 1Phase			

\* Other Specifications are available upon Customer's Request.