

Option / Accessories

Printer (Dot matrix)

Operating parameters, chamber temperature, chamber pressure, temperature for articles to be sterilized, and sterilization cycle process can be printed.



Temperature Sensor for Articles to be Sterilized

Directly detects the temperature for articles to be sterilized.

※One-touch coupler to install sensor is provided.

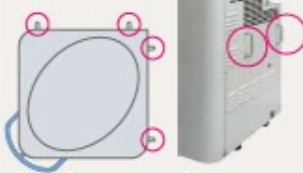


Data Output Function

The temperature data, pressure data can be exported to the external recorder.



Brackets for Anti-tip Straps



**Stainless Basket
ACA-1000B**



**Stainless Bucket
ACA-1000K**



**Long Basket
ACA-1000TP**

Specifications

FLS-1000		220V model	230V model	240V model
Operating temperature range		105°C to 123°C*1		
Maximum operating pressure		0.193MPa		
Temperature	Display form	Digital		
	Display range	-15°C to 175°C		
Pressure gauge	Display form	Analog		
	Display range	0MPa to 0.4MPa (Red zone:0.193MPa)		
Time	Display form	Digital		
	Sterilization setting range	0:01-9:59 / 1-99 hours / 1-999 minutes / 0:01-9:59, 10-99 hours (Selectable)		
Safety devices		As listed in Safety Devices*2		
Chamber	Dimensions	Inside diameter x Inside dimension : φ450x678mm		
	Capacity	100L (0.100m ³)		
	Material	SUS304 (Stainless steel)		
Main body	Dimensions (mm)	600Wx600Dx940H, top plate height: 785 680Wx680Dx1022H (Including the pedal and control panel)		
	Net weight	108kg		
Heat source (electric heater)		3.0kW	3.0kW	3.3kW
Rated current		14A	13A	14A
Power requirements		Single-phase AC220V 50/60Hz 15A	Single-phase AC230V 50/60Hz 15A	Single-phase AC240V 50/60Hz 15A
Power consumption (heat output)		3.0kW (2,590kcal/h)	3.0kW (2,580kcal/h)	3.3kW (2,838kcal/h)
Equipment category		Laboratory equipment		
Compliance of standard		IEC 61010-2-040, IEC61326-1		
Standard accessories		Stainless steel basket (φ415x233mm) 2 pcs		

*1. Max. operating temperature depends on the altitude level.

Features

- Large capacity
- Perfect height design
- Fine pressure adjustment function
- Power failure alert & restart
- Altitude setting function
- Safety lid opening design
- Standard equipped cooling fan
- Variable exhaust speed
- Timer
- Sterilizing water change alert
- Wide drain piping
- Steam trap water alert
- Intuitive display
- Annual inspection reminder
- Selective lid opening (L or R)
- Easy loading with foot pedal
- Easy water level check
- Liquid sterilizing course selectable

Safety Devices*2

- Safety valve
- Lid interlock
- Leakage breaker
- No water heating prevention
- Over-temperature prevention
- Over-pressure prevention
- Temperature sensor malfunction detection
- Pressure sensor malfunction detection
- Exhaust valve malfunction detection
- Low sterilizing water level detection
- Chamber lid open/close detection
- Drain access cover open detection
- Exhaust tank full level detection

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All TOMY products have a limited one-year warranty.

Specifications are subject to change according to product advancement.

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TOMY

AUTOCLAVE

FLS-1000

Large Capacity 100ℓ



International
IEC
61010-2-040
Standard

International
IEC
61326-1
Standard

TOMY

HIGH-PRESSURE STEAM STERILIZER
FLS-1000

Large Capacity

100ℓ



100 liters of chamber capacity can sterilize bulk or large volume items.

Perfect Height Design

78.5cm



Wide Chamber

45cm

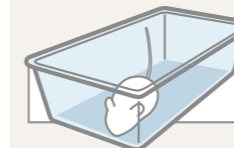
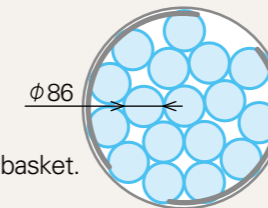


45cm

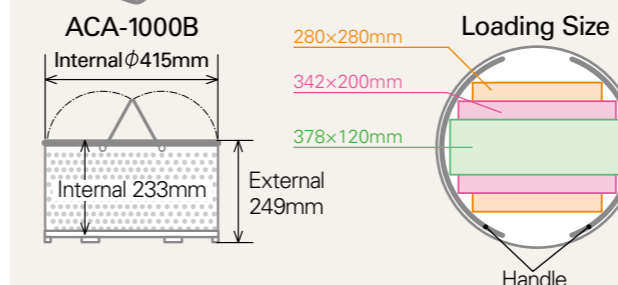


Bottle

Accommodate up to 500mL x 17 bottles into one basket.



Animal Cage



Flask

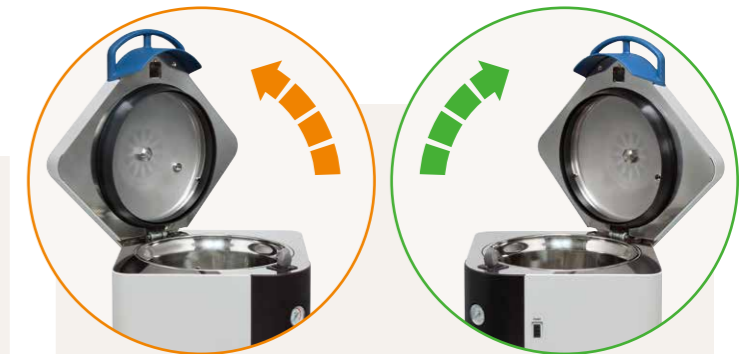
Custom Order Flask Stand

Accommodate 5,000mL x 4pcs



Selective Lid Opening

Left or Right

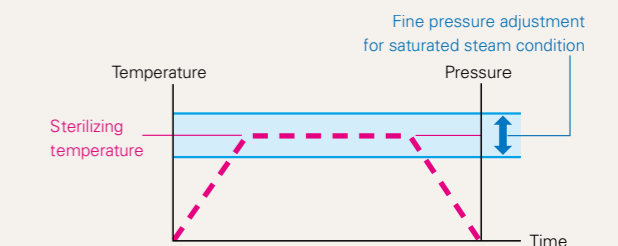


Operators can choose opening direction leftward or rightward depending on the installation space.

Secure Sterilization Fine Pressure Adjustment Function

Works automatically

Secure sterilization condition is created by saturated steam. Fine Pressure Adjustment Function automatically controls the pressure within a certain range to approach the saturated steam condition.



Power Failure Alert & Restart

FLS-1000 can save time for re-sterilization work. When the power failure occurs during operation, FLS-1000 stores the operation process, and the operation can be restarted after power is restored.



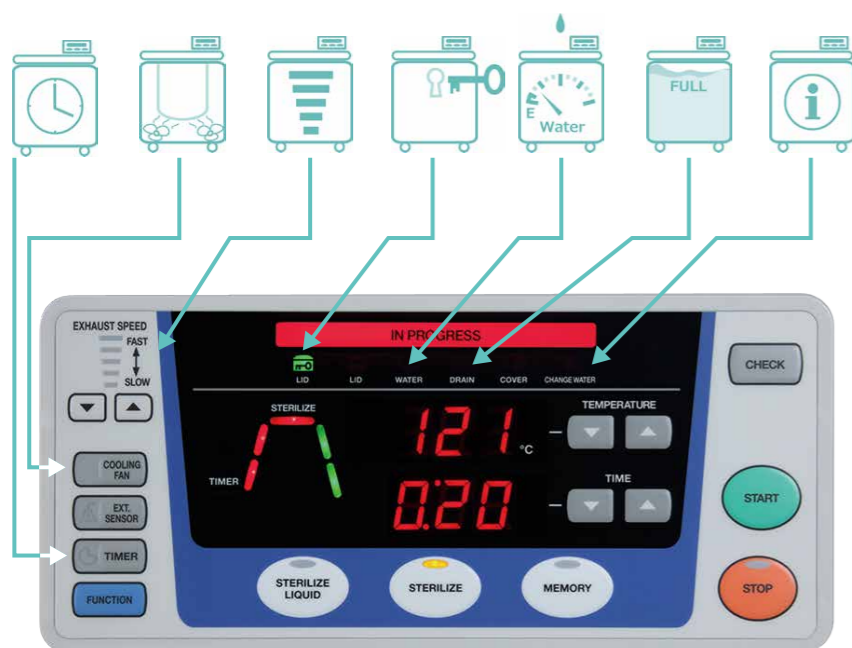
For High Altitude Users

FLS-1000 allows users to set altitude level, and provides secure sterilization condition even though at high altitude place.



*Available up to 2,000m

Intuitive Display



- Sterilizing Water Change Alert**
For water change timing.
- Annual Inspection Reminder**
For periodical inspection.
- Cooling Fan**
Save time by 3 levels cooling speed.
- Variable Exhaust Speed**
Save time by 6 levels steam exhaust.
- Low Sterilizing Water Level Detection**
Prevent no water operation.
- Steam Trap Water Drain Alert**
Prevent exhaust tank overflow.
- Timer**
- Lid Interlock**

Please visit for more details

TOMY FLS-1000