

## Specifications

ASX-500		220 to 240V model
Equipment Category		Laboratory Equipment
Operating Temperature Range		105 to 132°C
Maximum Operating Pressure		0.263 MPa
Temperature	Display Form	Digital
	Display Range	-9 to 155°C
Pressure Gauge	Display Form	Analog
	Display Range	0 to 0.4 MPa
Time	Display Form	Digital
	Setting Range	0:01 to 9:59
Safety Devices		As listed in Safety Devices *1
Chamber	Dimensions(mm)	φ 325 × 733
	Capacity	58 L
	Material	SUS304 (Stainless Steel)
Main Body	Dimensions(mm)	410W × 477D × 970H(Excluding Protruding)
	Net weight	60 kg
Power Requirements		AC220 to 240V 50/60Hz 15A 1P

### Features



- Power failure alert function
- Pure water/DI water/RO water available for sterilizing water
- Fine pressure adjustment function
- Standard equipped cooling fan (2 fans)
- Variable exhaust speed (6 levels)
- Top-open lid
- Foot pedal to open lid
- Microprocessor for controlling temperature
- Flat internal surface of the chamber
- Intuitive display with work monitor
- Operation indication lamp
- Ergonomic height design
- Small foot print
- OP Separator Kit for Disposal Petri Dish
- OP Waste-bin Kit

### Safety Devices \*1



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

## Full Package for Easy Fast Autoclave ASX-500



### A : Separator Kit Package

Easy Fast Autoclave ASX-500	OP Option Separator Kit for Disposal Petri Dish
 ×1 unit	 ×1 set

### B : Waste-bin Kit Package

Easy Fast Autoclave ASX-500	Waste-bin Kit		
	OP Option Long Basket ACA-325TP	OP Option Lid for Long Basket 300TL	OP Option Sterilization Bag DAB-321
 ×1 unit	 ×1 set		 ×1 set

### C : Stainless Steel Basket Package

Easy Fast Autoclave ASX-500	OP Option Stainless Steel Basket ACA-315B
 ×1 unit	 ×2 set

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# Easy Fast AUTOCLAVE ASX-500

## Secure Sterilization & Time-saving

● Entry Model

● Simple Operation

● For Solid Articles



The TOMY Easy Fast Autoclave ASX-500 is a dedicated model for a quick operation to sterilize solid articles like flasks, bottles, petri dishes, pipet tips, lab glass & plastic wares and so on.

Easy operation just by setting temperature and time, provides fast sterilization to save your time.

The ASX-500 is an entry model but also has a wide variety of optional accessories to reduce troublesome works and to shorten overall operation time. Each laboratory can choose the suitable accessories for the articles to be sterilized.

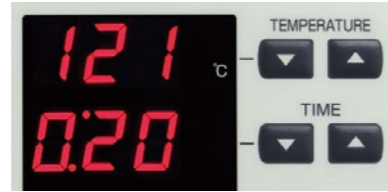
## Unique Functions and Features considering your usage environment

### Easy Setting

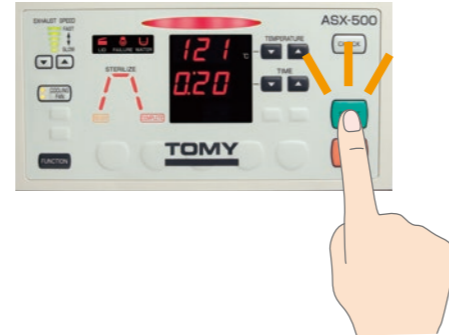
① Place articles and close the lid.



② Set TIME and TEMPERATURE.



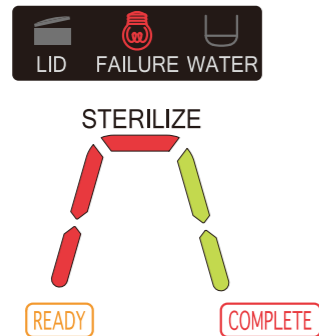
③ Press the START key.



### Power Failure Alert Function

Operation can be continued from the process when the power failure occurs. It saves waiting time and re-sterilization work.

(The illuminated image below is different from the actual display.)



### Pure water, DI water and RO water available

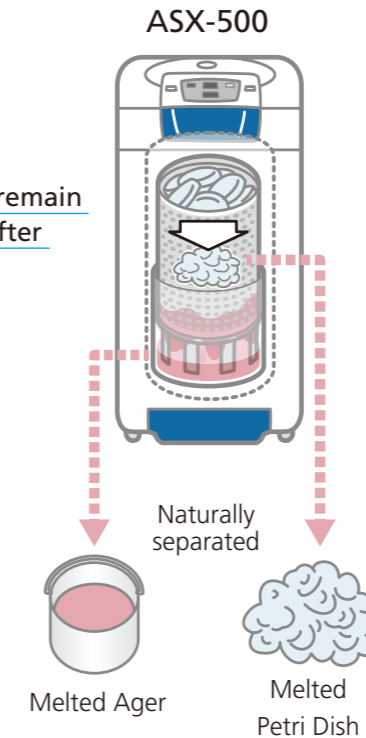
Pure water, DI water and RO water are available as sterilization water to prevent contamination for lab wares preparation.

## Wide variety of Accessories to reduce your troublesome work

### OP Separator Kit for Disposal Petri Dish

Melted petri dishes remain in the long basket after the sterilization.

The ager melts and falls down into the bucket.



Put petri dishes with the medium remained directly into the long basket of Separator Kit. They are naturally separated into petri dishes and liquid after sterilization.

### OP Waste-bin Kit



Use the Long basket as a waste-bin with the sterilization bag. Put a Sterilization Bag into the Long Basket and directly it into the chamber. Close the bag and dispose it after sterilization.

**TOMY**

## Focus on Secure Sterilization & Time-saving

Autoclave is essential for almost any type of laboratory, and it is crucial to choose the best autoclave that suits your needs. Secure Sterilization and Time-saving are the high priority to consider for

researchers, and the ASX-500 is designed with innovative features as standard.

### Fine Pressure Adjustment

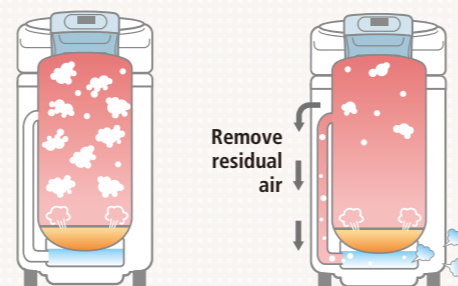
Secure Sterilization condition is created by **saturated steam that temperature and pressure keep the balance** for a certain time.

The ASX-500 heats water in the chamber and creates steam. The generated steam is discharged with air from the chamber to approach the saturated steam condition.

When air remains in the chamber, the balance of temperature and pressure breaks and it makes pressure rise.

Fine Pressure Adjustment monitors temperature and pressure, **works automatically to remove residual air** from the chamber, and **adjusts pressure to approach ideal condition** for more effective sterilization.

Residual air may break the ideal balance. Fine Pressure Adjustment to approach ideal condition



### Cooling Fan System

The ASX-500 is **standard-equipped with a dual-fan cooling system**, shortening overall operation time. The Cooling Fan System reduces cooling time by compared to non-fan operation.

It will save your time and give you more to focus on other things.

Single fan, Dual fans or Non-fan operation is selectable.

