



# Large size Clean Oven

 Yamato

Double Door Type

Model **DE 610W**

Operating Temperature Range

30°C~260°C

Temp. Adjustment Accuracy

± 1.0°C (at 260°C)

Temp. Distribution Accuracy

± 2.5°C (at 260°C)

Degree of Clean

Class 100

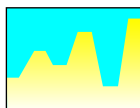
Internal Capacity

787.5 ℓ

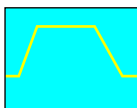
## Feature:

- Large - capacity size Chamber, permitting constant temperature treatment in a class 100 environment.
- A space- saving and large volume type.
- Safety functions such as self-diagnostic function are enriched.
- Various options are available, including an external communication device.

## ● Control panel ●

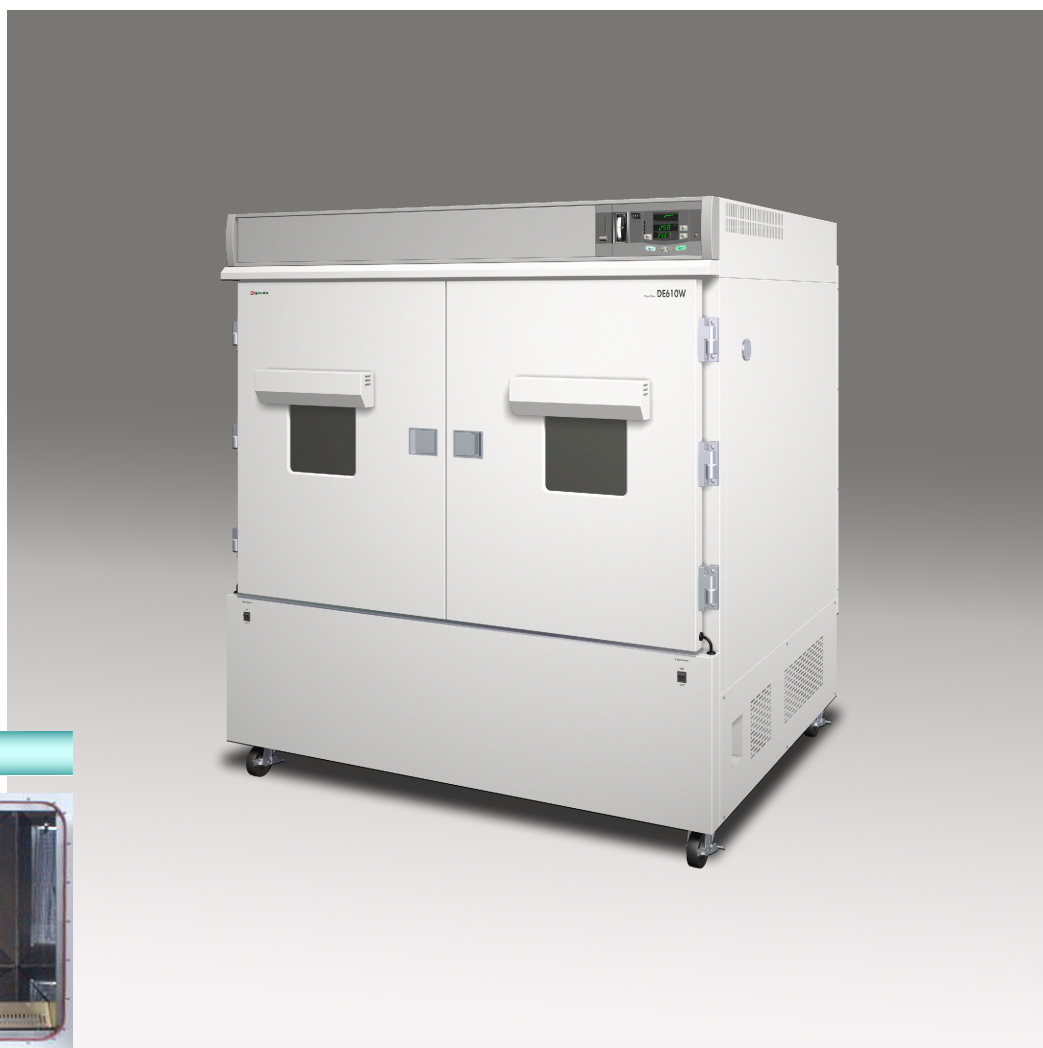
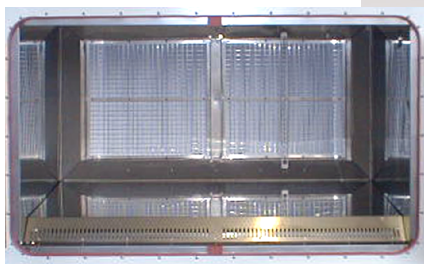


Programing operation



Automatic start & stop

## ● Interior





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## Specifications

<b>Model</b>	<b>DE 610W</b>
<b>■ Performance</b>	
Circulation method	Compulsive ventilation circulation
Operating temperature range	Room temperature +30 to 260°C□
Temp. adjustment accuracy	±1.0°C(at 260°C)
Temp. distribution accuracy	±2.5°C(at 260°C)
Degree of clean	Class 100 during temperature stability
Max. temp. reaching time	Approx. 80 min
<b>■ Components</b>	
Interior Material	Stainless steel SUS 304
Exterior material	Cold rolled steel plate with melamine resin baking finish
Door	Double door with observation window (With the lighting for inside observation)
Heat insulating material	Rock wool
Heater	Stainless pipe heater 3.6 kw × 2
Fan type	Sirocco FAN
Motor	Condenser type motor 400W × 2
Differential pressure gauge	Analog type, 0 to 500Pa
Cable port	Inner diameter 30 mm (one place of right side)
Exhaust port with damper	Exhaust damper (manual) Inner diameter 100 mm, Quantity volume of the maximum exhaust 20m <sup>3</sup> /h
Filter	Heater-resistance HEPA filter
Work Base	Work base for main body bottom heat shield 2 belonging
<b>■ Controller</b>	
Temp. controller	3 patterns program controller, PID control by microprocessor
Temp. setting method	Digital setting with up-down key
Temp. control method	Digital display by 4-digit green LED
Temp. display method	Digital display by 4-digit red LED
Timer	1 min. to 99 Hrs. 59 min. and 100 Hrs. to 999 Hrs.
Min. division	1 min. or 10 min.
Operation function	Fixed temperature operation, program operation, quick auto-stop, auto-start
Program mode	Program operation : 3 patterns, 30 steps (30step × 1, 15step × 2, 10step × 3) Pattern repeat function
Additional functions	Calibration off set function, key-lock function
Heater circuit control	SSR drive
Temp. control sensor	K-thermocouple
<b>■ Safety Device</b>	
Safety countermeasures	Self diagnosis functions(temp. sensor abnormal, heater disconnection, memory abnormal, SSR-short, automatic overheat prevention), Key lock function, double overheat prevention, Electric leakage breaker with over current protection
<b>■ Standard</b>	
Internal dimensions	1,400(W) × 750(D) × 750(H) mm
External dimensions	1,650(W) × 1,435(D) × 1,994(H) mm
Internal capacity	787.5 L
Power source 50/60Hz	AC200V 3-Phase (50/60Hz) 25A
Weight	Approx. 550 kg
<b>■ Accessories</b>	
Shelf plate	Stainless steel