

## Steam Sterilizer (Laboratory Use, Large Capacity)SQ810C \*Limited product for overseas

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Steam Sterilizer (Laboratory Use, Large Capacity)

## SQ810C \*Limited product for overseas

Item Code : 00

Model : SQ810C \*Limited product for overseas

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## Steam Sterilizer (Laboratory Use, Large Capacity) (SQ810C \*Limited product for overseas)

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### Product Summary

High-performance, easy operation and ergonomically designed sterilizer featuring wasy top loading and handling of samples

#### Features of Steam Sterilizer (Laboratory Use, Large Capacity) (SQ810C \*Limited product for overseas)

##### Features

Maximum sterilizing temperature goes up to 135°C suitable for protein modification

##### Features

By simple setting and operation, these sterilizers manage ordinary sterilization, sterilization

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Custom programs can be saved for repeated use

Features

Standard equipped with timer start and pre-heating features for efficient use of time and cooling fan to shorten cool down time

Features

Mobile on wheels

Enhanced safety device

Lid interlock mechanism,Drain bottle unset alarm,Memory malfunction,Automatic shutdown when malfunction,Self-diagnostic functions

Specifications

Specifications

Item Code	00
Model	SQ810C *Limited product for overseas
System	Automatic high-pressure steam sterilization
Operating temperature range	45～135℃（45～80℃ [pre heating temperature] /45～60℃ [heat retention phase] /65～100℃ [disolution phase] /105～135℃ [sterilizing phase] ）
Max. working pressure	0.255MPa
Ambient temperature	5～35℃
Lid	Manual upward opening with an interlock for safety
Heater	100V, 1000W×2 units
Exhaust valve	One exhaust valve and one slow release valve
Connection ports for optional	Total 3 ports. Female thread for sample temp. sensor (1/4" ), Female thread for chamber temp. sensor (1/4" ),
Cooling fan	Axial fan motor
Temp. controller	PID control by microprocessor
Temp. display / setting	Digital display / digital setting by ▲/▼ keys
Timer / Timer resolution	0 or 1 min. to 99 hrs 59 min. / 1 minute
Operation mode	Instrument sterilization course, Liquid sterilization course, Sterilization and keep warm course, Melting and keep warm course,
Other features	Key locking, Presetting, Saving, preheating, Forced cooling, Sample temperature sensor (option), Pattern locking,
Safety device	Sensor failure detection, SSR short-circuit, Broken heater wire, Prevention of idle heating (Liquid expansion type),
Accessories	3 pcs. stainless steel mesh basket, Vapor cup×1, Drain bottle×1, Drain board×1, Chemical indicator 1 set (30 pieces), Filter×1

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<b>Remarks(dimensions)</b>	Internal dimension of chamber 80L
<b>Power Source</b>	AC200～240V Blaker capacity 12.5～10.5A
<b>Weight</b>	105kg


## Maintenance and warranty

1. Yamato autoclaves are for laboratory use only. They cannot be operated for medical use.
2. The pressure vessel conforms to the safety standards in Japan. Any clarification or modification works to meet the local safety standards in each country shall be out of the manufacturer's scope.
3. Conditions: temperature and humidity: 23 deg.C+/-5 deg.C, 65%RH+/-20% (no load)
4. External dimensions do not include protrusions.


## Optional items




rm output terminal



Time-up output terminal (OSN24)




Mesh basket (OSQ-90)




Mesh basket support

## Same series products



Steam Sterilizer (Laboratory Use, Large Capacity) (SQ500)



Steam Sterilizer (Laboratory Use, Large Capacity) (SQ510)