

Products for Industry

Steam Sterilizer (Laboratory Use, with Drying Process)

SM311 *Limited product for overseas

Item Code : 00

Model : SM311 *Limited product for overseas

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Steam Sterilizer (Laboratory Use, with Drying Process) (SM311 *Limited product for overseas)

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Product Summary

Fully automatic sterilization from start to the end with high pressure steam sterilization followed by "Drying" process

Features of Steam Sterilizer (Laboratory Use, with Drying Process) (SM311 *Limited product for overseas)

Feature

Automatic operation from sterilization to drying process can be easily set by the interactive key input system.

Features

Quick sample drying function makes samples ready to use right after sterilization.

Features

Drying temperature can be set depending on the application within the range from 150 to 180°C.

Features

The water level in drain bottle can be easily checked with the level indicator on the front panel.

Specifications

Specifications

Item Code	00
Model	SM311 *Limited product for overseas
System	Automatic high-pressure steam sterilization
Operating temp. range (Sterilization)	105~128°C
Operating temp. range (Drying)	150~180°C
Max. pressure capacity	0.2MPa
Safety device	Self-diagnostic functions(Detection sensor error, SSR short circuit, Heater disconnection, Main relay error), Safety valve, ELB, Drain bottle switch
Accessories	Stainless steel mesh basket (262dia. x 204Dmm) x 2 pcs., Drain board, Chemical indicator strip, Drain bottle, Condensation collection container with magnetic bracket, each 1 pc.
Interior	Stainless steel
Temp. Controller	PID control by microprocessor
Temp. Display	Digital display by green LED and setting by UP/DOWN key
Timer/Resolution	1 min. ~99hrs. and 59min./100~999hrs./1min. or 1hr.
Internal dimensions (φ×H mm)	φ300×455mm
External dimensions (W×D×H mm)	440×530×968mm
Remarks(dimensions)	32L
Power Source	220V 9.5A 00
Weight	80kg

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



Mesh basket (OSM70)



Mesh basket (OSQ20)



Mesh basket with stacking support (OSQ40)

Same series products



Steam Sterilizer (Laboratory Use, with Drying Process) (SM501 *Limited product for overseas)



Steam Sterilizer (Laboratory Use, with Drying Process) (SM511 *Limited product for overseas)



Steam Sterilizer (Laboratory Use, with Drying Process) (SM520 *Limited product for overseas)