

Products for Industry

Steam Sterilizer (Laboratory Use, with Drying Process)

SM530 *Limited product for overseas

Item Code : 00

Model : SM530 *Limited product for overseas

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Steam Sterilizer (Laboratory Use, with Drying Process) (SM530 *Limited product for overseas)

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Product Summary

Fully automatic, Easy setting by interactive touch panel, Drying function

Features of Steam Sterilizer (Laboratory Use, with Drying Process) (SM530 *Limited product for overseas)

Feature

7" Interactive touch panel enables the easy sterilization setting

Features

Suitable for protein modification at the max. temperature 135°C

Features

Variety of safety functions

Features

Fully automatic operation from steam sterilization to drying process

Specifications

Specifications

Item Code	00
Model	SM530 *Limited product for overseas
System	Automatic high-pressure steam sterilization
Operating temp. range (Sterilization)	105~135°C
Operating temp. range (Drying)	135~150°C
Max. pressure capacity	0.255MPa
Operable ambient temp.	5~35°C
Lid	Manual upward opening with an interlock for safety
Temp. controller	PID control by microprocessor
Temp. display / setting	Touch panel type
Timer / Timer resolution	0 or 1 min. to 99 hrs 59 min. / 1 minute
Safety device	Sensor error, SSR short circuit, Heater disconnection, Water level, Overheat, Lid unlock, Over-pressure, Setting, Memory, Safety valve
Accessories	2 pcs. stainless steel mesh basket (332dia. x 195.5D), Drain board, Drain bottle, Chemical indicator, Filter, Drain tray, each 1 pc.)
Internal dimensions (φ×H mm)	φ370×470mm
External dimensions (W×D×H mm)	520×660×881mm
Remarks(dimensions)	50L
Power Source	AC200~240V 8A ~12.5A
Weight	113kg

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



Stainless solid basket (OSR-60)



Stainless bucket (OSN14)



Chamber temperature sensor (OSR70)

Same series products



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



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



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