

## Steam Sterilizer (Laboratory Use, Compact)SN210

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## Steam Sterilizer (Laboratory Use, Compact) SN210

Item Code : 241054

Model : SN210

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SN200 SN300 SN500

## Steam Sterilizer (Laboratory Use, Compact) (SN210)

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### Product Summary

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

### Features of Steam Sterilizer (Laboratory Use, Compact) (SN210)

#### 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 of culture mediums and liquids, and melting of culture mediums

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### Features

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

### Features

Mobile on wheels

### Enhanced safety device

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

## Specifications

### Specifications

|   |   |
|---|---|
| Item Code                                 | 241054  |
| Model                                     | SN210   |
| System                                    | Automatic high-pressure steam sterilization   |
| Operating temperature range               | 45~135°C 45~80°C (Preheating temperature) /45~60°C (Heat-retention process) /65~100°C (Solution process) /105~135°C (Sterilization)   |
| Max. working pressure                     | 0.255MPa  |
| Ambient temperature                       | 5~35°C  |
| Lid                                       | Manual upward opening with an interlock for safety  |
| Heater                                    | 100V, 600W×2 units  |
| Exhaust valve                             | One exhaust valve and one slow release valve  |
| Connection ports for optional accessories | Total 3 ports. Female thread for sample temp. sensor (1/4" ), Female thread for chamber temp. sensor (1/4" ), Female thread pressure sensor (Branching from the solenoid valve tubing)                                  |
| 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 min.  |
| Operation mode                            | Instrument sterilization course, Liquid sterilization course, Sterilization and keep warm course, Melting and keep warm course, Customer-programmed course  |
| Other function                            | Key locking, Presetting, Saving, Preheating, Forced cooling, Sample temperature sensor (option), Pattern locking, Up to 20 error log saving, Display of accumulated working time / Present time, ON-OFF beeping setting |

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|---------------------------------------|---------------------------------|--------------------------------|----------------------------|--------------------------------|--------------------------------------|
| <b>Internal dimensions (φ×H mm)</b>   |                                 |                                | φ240×445mm                 |                                |                                      |
| <b>External dimensions (W×D×H mm)</b> |                                 |                                | 400×530×840mm              |                                |                                      |
| <b>Remarks(dimensions)</b>            |                                 |                                | Internal capacity 20L      |                                |                                      |
| <b>Power Source</b>                   |                                 |                                | AC200~240V<br>Single phase |                                |                                      |
| <b>Weight</b>                         |                                 |                                | 65kg                       |                                |                                      |

## 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.




## Catalog

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Steam Sterilizer (Laboratory Use, Compact)

## Optional items

|   |   |  |  |
|---|---|--|--|
| <br>Temperature sensor | <br>Pressure gauge (OSN18) | <br>External alarm output terminal (OSN20) | <br>Temperature (OSN22) |
|---|---|--|--|

## Same series products

|   |   |  |   |
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