



HS-1607BL
(B-Class, Graphic LCD Monitor type)
Features

This is a small lightweight B-Class sterilizer that can sterilize the medical devices at the place of use because it is undeterred by the installation place and easy to move. There for this is an ideal sterilizer for reprocessing the medical devices effectively within a short time at the dental office, plastic surgery and oriental medical clinic.

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1. Shortened cycle time

The total required cycle time of this new B-class small steam sterilizer is shortened about 30% compare to the prior B-class models even though having the advantages of B-class sterilizer, therefore the operating efficiency of sterilizer is improved remarkably satisfying the requirements of sterilization and dryness performance regulated to the European Standards(EN 13060).

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2. Unique exterior small steam generator

The built-in exterior small steam generator which is newly-developed by our advanced technology can vaporize feed water supplied from the reservoir instantly and the generated steam is injected into the chamber as a sterilizing media, therefore the chamber is less contaminated than the internal steam generating type and the usable loading space is widened because there is no heater assembly in the chamber.

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3. Use of clean steam every cycle

The used water after completion of a sterilizing cycle is collected in the collection container designed separately with the reservoir, therefore the saturated steam generated by a clean water always can be supplied to perform every sterilizing cycle.

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4. Safe and durable unwelded chamber

By adopting an integral chamber unwelded, the durability is excellent and a trouble such as leaking of pressurized vapor and vacuum during progressing a cycle is not occurred accidentally.

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5. Various chamber loading devices

The optional loading devices allow user to load the various type of items to be sterilized in the chamber easily and conveniently and to secure the successful sterilization. (optional specification)

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6. Various cycle programs of the optimum condition

6 kinds of basic cycle program for sterilizing the medical instruments wrapped or unwrapped, the synthetic resins products, the rubber products, the textile products, the glass products, the liquids contained in the glass bottle and the prion which is the factor of CJD(Creutzfeldt-Jakob Disease) and 2 kinds of test program for checking the ability of air removal from the chamber are installed in the sterilizer basically, therefore the operator could select a proper cycle program and perform sterilization conveniently. Furthermore it allows users to change the parameters of cycle program as user's please if needed.

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7. Safe and convenient self-diagnosis function

If an error has occurred during operating the sterilizer, it is detected and the error code is displayed on the LCD monitor accompanying an audible alarm, and the cycle in progress is aborted automatically for safety by the built-in self-diagnosis program.

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8. Convenient monitoring of a cycle processing

The operator is able to check a cycle progressing conveniently on the LCD monitor because the state of sterilizer operation is displayed digitally in real time on it.

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9. Preventive safety system

This sterilizer has the safety system for the safety of workplace designed that a cycle is not started unless the door has been locked, the door is not opened when the electric power is not supplied to the sterilizer and there exists more pressure compare to the set level in the chamber by the pressure switch. The safety valve operates and releases pressure automatically when an overpressure more than the limited value has been formed in the chamber due to an abnormal operation of sterilizer.

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10. Printing of the cycle performance record

The panel printer can be equipped to print out the cycle performance record for securing the traceability afterwards.(optional)

(The panel printer is provided as an optional item)

Specifications

Model	HS-1607BL
Overall Size	W380 x D584 x H315 mm
Chamber	ø160 x L377 mm, vol: 7.0ℓ, material; STS 316L
	Max. Working Pressure: 2.40 bar / Min. Working Pressure: - 1.00 Bar Max. Working Temperature: 138.0°C / Test Pressure : 5.00 Bar
Tray	W120 x D320 x H18 mm, Q'ty; 2ea,
Reservoir/ Collecting Container	Vol: 1.5ℓ / 1.5ℓ (full water level)
Operating Temperature	121.0°C~135.0°C (Display Resolution; 0.1°C)
Sterilant	Saturated Steam
Air Removal Method	Vacuum/ Gravity

Vacuum Pump	Flow Rate; 10ℓ/min
Air Filter	Filtration efficiency: 99.999% for 0.3μm particles
Controls	Microprocessor
Display	Graphic LCD(LED back lighting), Resolution; 128×64 dots
Panel Printer (optional)	Thermal Printing Type, Printing Paper Roll; W58xø40 mm, L=13 m
Power Source	AC230V, 50/60Hz
Power Consumption	2,500 W
Weight	28 kg
Environment Conditions (IEC 61010-1)	<ul style="list-style-type: none"> * Altitudes up to 2,000 meters. * Temperature range of +5°C to +40°C. * Maximum relative humidity of 80% for temperatures up to 31°C, decreasing linearly to 50% at 40°C. * Main supply voltage fluctuation of ±10% of nominal. * Installation Category (Overvoltage Category) II , Pollution Degree 2.