

AUTOCLAVE STEAM STERILIZERS

(BENCH TOP)

Image: HS-1606VD



Hanshin Bench Top Steam Sterilizer

- Small and easy to operate
- Three preset sterilization cycles
- Adjustable cycle presets
- Rapid heat up times
- Option to attach printer
- Automatic safety door lock
- Audible and visual alarms

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PRODUCT DETAILS

The HS-1606VD is a small, easy to operate, bench top steam sterilizer with a 6 litre capacity stainless steel chamber. This model is ideal for small laboratories or health care facilities such as dental surgeries which may have instruments or other items requiring sterilization. This model features three pre-set sterilization cycles which can be easily selected by pressing the 'prog' button located on the front panel.

Each cycle is performed automatically (heating, sterilizing and venting) and a signal sounds to alert the user that the cycle has completed. The front panel has a pressure gauge and LED display to show the current working temperature and error code number should an error occur during operation. User safety is ensured with a door lock system, safety pressure valve and an overheat protection device.

Safety Devices

Automatic lid lock which prevents the door from opening while the chamber is still hot

SPECIFICATIONS

Model	HS-1606VD
External Dimensions (WxHxD mm)	350x316x503
Chamber Dimensions (dia x D mm)	161x295
Capacity (litres)	6
Reservoir (litres)	1
Tray (WxHxD mm)	2 trays 118x20x280
Pressure Gauge	Dial Type, 760mmHg, -4bar
Power	1600W / 10Amps
Sterilization Agent	Saturated Steam of Max 2.1 Bar Pressure
Air Removal	Gravity
Control	Fully automated microprocessor
Exposure Temperature	121°C to 134°C
Weight (kg)	25

Cycle Number	1	2	3
Load Type	Unwrapped	Wrapped	Unwrapped
Exposure Temperature	134°C		121°C
Exposure Time (min)	3	12	30
Dry Time (min)	20		
Air Removal	Fast exhaust		

Thermoline Scientific have been manufacturing and distributing high quality laboratory and scientific testing equipment since 1970. Over this time, Thermoline has grown to be a leading brand in the science industry, with our equipment being used in small and large Hospitals, Universities and Research Laboratories across Australia and the Asia Pacific region.

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AUTOCLAVE STEAM STERILIZERS

(BENCH TOP)

Image: HS-3041VD



Hanshin Bench Top Steam Sterilizer

- Large 40.5 litre vessel with two trays
- Five preset sterilization cycles
- Adjustable cycle presets
- Rapid heat up times
- Option to attach printer
- Automatic safety door lock
- Audible and visual alarms
- TGA Approval Number ARTG No. 112473

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 **ThermoLine**
S C I E N T I F I C
H I G H E R S T A N D A R D S I N S C I E N C E

PRODUCT DETAILS

The HS-3041VD is a large bench top steam sterilizer with a 40.5 litre capacity stainless steel chamber, holding two stainless steel trays for the easy storage of items needing to be sterilized. The unit is very well engineered and has been approved by the TGA for safe use throughout Australia.

An easy to use control panel located on the front of the unit allows users to change programs, view the drying phase, turn the unit on and off as well as indicators to show the cycle progress and water level. Five pre-set cycle programs are also supplied which have commonly used cycle times and temperatures.

This model has a safety door lock which prevents the door from being opened during operation and prevents cycles from starting should the door be left open. An inbuilt safety valve helps protect the chamber should it exceed the standard pressure

Safety Devices

Automatic lid lock which prevents the door from opening while the chamber is still hot

SPECIFICATIONS

Model	HS-3041VD
External Dimensions (WxHxD mm)	581x468x703
Chamber Dimensions (WxHxD mm)	300x300x450
Capacity (litres)	40.5
Reservoir (litres)	4
Tray (WxHxD mm)	2 trays 291x44x432
Pressure Gauge	Dial Type, 760mmHg, -4bar
Power	3000W / 13Amps
Sterilization Agent	Saturated Steam of Max 2.1 Bar Pressure
Air Removal	Gravity
Control	Fully automated microprocessor
Exposure Temperature	121°C to 134°C
Timer (min)	0 to 60
Weight (kg)	80

Cycle Number	1	2	3	4	5
Load Type	Unwrapped	Wrapped	Unwrapped	Wrapped	Liquids
Exposure Temperature	134°C		121°C		
Exposure Time (min)	5	15	20	30	30
Dry Time (min)	15	30			None
Air Removal	Fast exhaust				None

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AUTOCLAVE STEAM STERILIZERS

(BENCH TOP)

Image: HS-3041V



Hanshin Bench Top Steam Sterilizer

- Large 40.5 litre vessel with two trays
- Five preset sterilization cycles
- Adjustable cycle presets
- Large LCD screen with message centre
- Rapid heat up times
- Printer fitted standard
- Automatic safety door lock
- Audible and visual alarms
- TGA Approval Number ARTG No. 112473

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PRODUCT DETAILS

The HS-3041V steam sterilizer is similar to the above HS-3041VD however it features an advanced controller with a front LCD display panel. The LCD message centre displays the sterilizing temperature, drying time, current temperature and pressure, running procedure, actual time, door status, cycle number, error messages and indicates the reservoir water level. This model is also equipped with a printer which prints out all important reference data. The unit has a large 40.5 litre capacity stainless steel chamber, holding two stainless steel trays. Five pre-set cycle programs are available all selectable via the front controller.

This model has been approved by the TGA for safe use throughout Australia.

Safety Devices

Automatic lid lock which prevents the door from opening while the chamber is still hot

SPECIFICATIONS

Model	HS-3041V
External Dimensions (WxHxD mm)	614x489x804
Chamber Dimensions (WxHxD mm)	300x300x450
Capacity (litres)	40.5
Reservoir (litres)	4
Tray (WxHxD mm)	2 trays 291x44x432
Pressure Gauge	Dial Type, 760mmHg, -4bar
Power	3000W / 13Amps
Sterilization Agent	Saturated Steam of Max 2.1 Bar Pressure
Air Removal	Vacuum / Gravity
Control	Fully automated microprocessor
Exposure Temperature	121°C to 134°C
Display and Printer	168x128 dot matrix LCD graphic display with dot matrix printer
Weight (kg)	80

Cycle Number	1	2	3	4	5
Load Type	Unwrapped	Wrapped	Unwrapped	Wrapped	Liquids
Exposure Temperature	134°C		121°C		
Exposure Time (min)	5	15	20	30	30
Dry Time (min)	15	30			None
Air Removal	Fast exhaust				None

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AUTOCLAVE STEAM STERILIZERS

(FLOOR STANDING)

Image: HS-60VD



Hanshin Bench Top Steam Sterilizer

- Large 60 litre vessel with two cylindrical stainless steel baskets
- Five preset sterilization cycles
- Adjustable cycle presets
- Rapid heat up times
- Option to attach printer
- Automatic safety door lock
- Audible and visual alarms

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PRODUCT DETAILS

This vertical type steam sterilizer has a cylindrical chamber which is 60 litres in capacity. This unit is very effective for sterilizing liquids, culture medium or large pieces of glassware. It is supplied with two cylindrical stainless steel baskets for the safe and easy storage of items. The unit has a heavy duty swing out door with a turn lock. An automatic lid lock ensures the lid can not be opened during operation. Five pre-set cycle programs are also supplied which have commonly used cycle times and temperatures. Castors fitted to the bottom of the sterilizer allow for easy moving.

Safety Devices

Automatic lid lock which prevents the door from opening while the chamber is still hot

SPECIFICATIONS

Model	HS-60VD
External Dimensions (WxHxD mm)	575x1080x531
Chamber Dimensions (Dia xD mm)	340x723
Capacity (litres)	60
Reservoir (litres)	4
Baskets (Dia xH mm)	2 baskets 300x310
Pressure Gauge	Dia Type, 760mmHg, -4bar
Power	3000W / 13Amps
Sterilization Agent	Saturated Steam of Max 2.1 Bar Pressure
Air Removal	Gravity
Control	Fully automated microprocessor
Exposure Temperature	121°C to 132°C
Timer (min)	0 to 60
Weight (kg)	98

Cycle Number	1	2	3	4	5
Load Type	Unwrapped	Wrapped	Unwrapped	Wrapped	Liquids
Exposure Temperature	134°C		121°C		
Exposure Time (min)	5	15	20	30	30
Dry Time (min)	15	30			None
Air Removal	Fast exhaust				None

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