



Autoclaves for sterilization "Presoclave III" 50 and 80

MICROPROCESSOR TEMPERATURE AND CYCLE CONTROL AND ATMOSPHERIC PURGE.
ELECTRONIC CONTROL OF TIME AND TEMPERATURE RANGE FROM 115 °C TO 134 °C. (0.62 TO 2 bar).
CONFORMS TO APPARATUS PRESSURE REGULATION DIRECTIVES.
VERTICAL MODEL: 50 AND 80 LITRES.



SAFETY:

- SAFETY OVER PRESSURE VALVE:** PREVENTS OVER PRESSURE ABOVE THE MAXIMUM SET LIMIT.
- SAFETY PRESSURE SWITCH:** DISCONNECTS POWER TO THE HEATER IF THE UNIT EXCEEDS THE MAXIMUM PRESSURE LIMIT.
- SAFETY THERMOSTAT AND WATER LEVEL:** DISCONNECTS POWER TO THE HEATER IF INSUFFICIENT WATER OR OVER TEMPERATURE.
- SAFETY LID:** PREVENTS THE LID BEING OPENED IF THE CHAMBER IS UNDER PRESSURE.
- SAFETY INSULATION:** THERMALLY INSULATED LID .

An economic alternative, semi-automatic

FEATURES

External case made from stainless steel.
INCOLOY stainless steel heater elements, hard waring, resistant to corrosion and high temperatures.
Sterilization chamber and door made from stainless steel.
Automatic purge to atmosphere
Lid, 6 point closure.

CONTROL PANEL



1. Pressure gauge.
2. Illuminated alarm indicator.
3. Illuminated indicator end of cycle.
4. Illuminated indicator door open
5. Temperature display.
6. Time display
7. Temperature set pushbutton (range from 115 °C to 134 °C).
8. Pushbutton increase value.
9. Push button START
10. Push Button STOP
11. Push button Reduce value.
12. Push button select time, (range from 3' to 99').
13. Push button open lid



MODELS	Part No.	Capacity litres	Ø Height (usables cm)	Height / Width / Depth (exterior cm)	Power W	Weight Kg
PRESOCLAVE III 50	4001758	50	30 70	117 48 62	3000	75
PRESOCLAVE III 80	4002136	80	40 60	107 58 72	3600	100

Does not include baskets and drums, order separately.

ACCESSORIES: AISI 304 Stainless steel wire baskets and drums.

For Presoclave III 50, Part. no: 4001725.

Capacity, 3 baskets Ø 25 and 20 cm, height. Part No. **1000495**

For Presoclave III 80, Part. no: 4002136.

Capacity, 2 baskets Ø 36 and 28 cm, height. Part No. **1000496**

Sterilization drum made from AISI 304 stainless steel.

For Presoclave III 50, Part. no: 4001725.

Capacity, 3 drum Ø 25 and 18 cm, height. Part No. **1002418**

For Presoclave III 80, Part. no: 4002136.

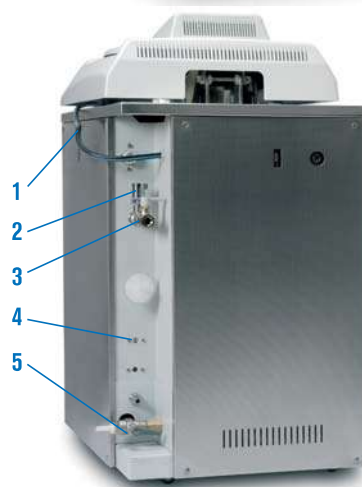
Capacity, 2 drum Ø 35 and 27 cm, height. Part No. **1002419**

Detergent Bio-Sel.

Water distillation unit especially for autoclaves.

USB adapter model. Pen-Drive included (Memory board) for data storage.

Part No: **4120131**



BACK VIEW:

1. Mains power.
2. Safety valve.
3. Steam empty valve.
4. Safety thermostat
5. Drain selector valve.

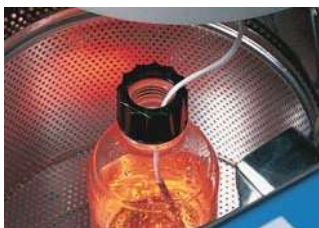
COMPLEMENTS That needs to be factory installed:

Pt100 second sensor only temperature reader. Part No. **4001219** (see page 63).

Printer of continuous paper roll with print out of temperature, pressure, time and mode. Part No. **4002421** (see page 62).

Loading and unloading crane. Part No. **1002426** (see page 70).

OPTIONS: for vertical autoclaves, need to be factory fitted.



Pt 100 Sensor. 2nd Probe for reading sample temperature.

To guarantee in all circumstances that the system has completed the cycle to the set time and temperature parameters, the Autester ST DRY PV II autoclave can be installed with a temperature probe that can be placed within the culture flask, residual packets etc.

When the probe is connected to the controller of the autoclave, it is automatically recognised by the micro-processor, whereby the real time temperature values detected by the probe, are displayed and printed.

For autoclaves PRESOCLAVE III this Pt100 sensor only reads the temperature with an external thermometer. Part No. **4001219**

Loading and unloading crane. Part No. **1002426** (see page 70).

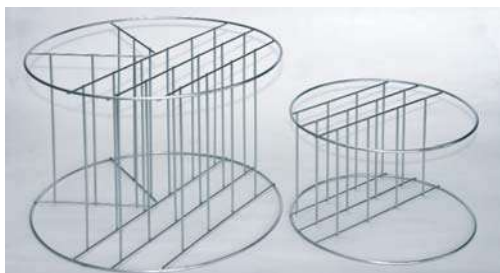
ACCESSORIES FOR VERTICAL AUTOCLAVES



AISI 304 stainless steel wire baskets.

Part No.	Ø	Height cm	Suitable for autoclaves Part No.	Number of baskets
1004771	22	14	4001745	1
1004772	22	24	4001756	1
1004771	22	14	4001757*	1
1004772	22	24	4001757*	1
1000495	27	20	4001758 - 4002516	3
1000496	36	28	4002136 - 4002517	2
1000780	44	22	4002518	3

Note:* For autoclave Part No. 4001757 supplied with 1 basket Part No. **1004771** + 1 basket Part No. **1004772**



AISI 316 stainless steel wire dividers for autoclave baskets.

Part No.

1001217 4 divider compartments for basket part no. 1000495.

1001218 6 divider compartments for basket part no. 1000496.

1001222 7 divider compartments for basket part no. 1000780.



Sterilization Drums.

Part No.	Ø	Height cm	Suitable for autoclaves Part No.	Capacity Drums
1002418	25	18	4001758 - 4002516	3
1002419	35	27	4002136 - 4002517	2
1002420	28	18	Not suitable for our autoclaves.	



Water distiller, specially for autoclaves "DEST-4".

Distillation capacity: 1.5 litres/hour. Internal capacity 4 litres.

Case made from thermo resistant plastic.

Internal stainless steel.

Cooling by forced air through a condenser. Without glass heater elements.

Easy to use. Safety cut out system if over temperature due to insufficient water.

Comes complete with a 4 litre three way dispenser plastic bottle with filter.

Note: for daily use it is recommended to change the filter every 3 months.

No external additional water required

Part No.	Capacity Distillation litre/Hour	Conductivity µs/cm	Ø	Height cm	Power W	Weight Kg
4001729	1.5	5	29	39	750	3.5

Spare: Dispenser spout with filter. Part No. **4001730**



Detergent "BIO-SEL"

We recommend the use of BIO-Sel detergent for cleaning, it is also biodegradable and free from Phosphates.

Part No.

1000025 Capacity 1 litre.

1000026 Capacity 4 litres.

1000852 Box of 12 x 1 litre flasks.

1000853 Box of 4 x 4 litre flasks.