



Autoclave for liquids and solids sterilization "Autester ST DRY PV III" 25

CAPACITY: 25 LITRES. SPACE FOR 12 BOTTLES OF 250 ML, 9 OF 500 ML, 3 OF 1000 ML AND 2 OF 2000 ML.
CONFORMS TO THE REGULATION - 97/23/CEE EQUIPMENT UNDER PRESSURE.



Complete selection of programs. Displays in English - Spanish - French.

FEATURES

Sterilization chamber and lid made from AISI 316 stainless steel.
 External case epoxy coated.
 Digital control of all autoclave operations.
 Large back lit LCD 2 x 24 character display.
 Air filter, purifies air before entering in the sterilization chamber.
 Separate clean water reservoir and waste water.
 RS-232 Interface output of parameters to a computer or for printer.
 USB output for PEN-DRIVE data logging and Computer connection.

SAFETY

Safety valve.
 Prevents the door being opened if under pressure or high temperature is produced.
 Temperature safety thermostat.
 Door closed correctly detector
 Thermally protected lid.

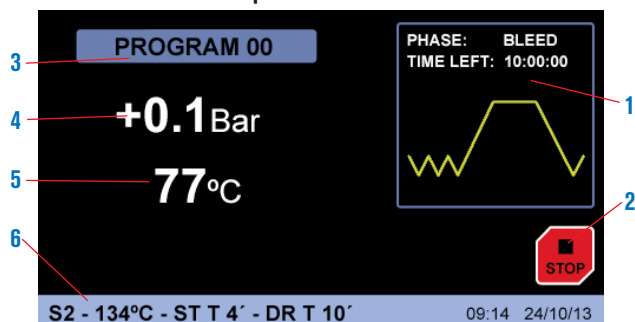
MICROPROCESSOR FUNCTIONS

Controlled parameters are:

- Sterilization temperature from 105°C up to 134°C.
- Sterilization time from 3' to 59'.
- Drying time from 20' to 60'.
- Up to 10 user-configurable programs.
- Six operating modes:
 - Solid 1 - Solid 2 fractions - Solid 3 fractions - Drying - Liquids - Liquids 2 probes
- Verification test
 - Vacuum - Bowie Dick.
- Settings:
 - Units - languages (Spanish, English, French). - USB or printer module. - Clock: date/time. - External water: on/off.
- Password
- Calibration
 - Temperature probe 1 - Temperature probe 2 - Water dosing.
- Audible and visual alarm for overtemperature and insufficient temperature.
- Network failures detection and memorization
- Safety thermostat by software
- Sterilization cycles data logging with capacity for over 500 cycles.
- Internal cleaning program
- Software for PC
- Temperature correction
- Summarized user manual on screen
- Graphical representation of real time process

CONTROL PANEL

TFT touch screen with virtual pushbuttons.



1. Graphical representation of real time process
2. Start/Stop virtual pushbutton.
3. Running program.
4. Press indicator.
5. Temperature indicator.
6. Running program parameters.



NEW DESIGN



MODEL	Part No.	Capacity litres	Ø/Depth (usables) cm	Height/Width/Depth (exterior) cm	Power W	Weight Kg
AUTESTER ST DRY PV III 25	4002420	25	30 35	58 46 59	2510	52



Comes complete with three trays, extractor forceps, and additional support for instruments and sterile wrapping bags.

PARAMETERS AND PROGRAMS PRE INSTALLED IN THE AUTOCLAVE MICROPROCESSOR

(Note: All these parameters are adjustable by the user)

Nº Programme	Description	Temperature Sterilization	Time Sterilization	Time Dry	Purge
0	Free	-	-	-	-
1	Unwrapped instruments	134 °C	4 min	15 min	2 (1)
2	Wrapped instruments	134 °C	12 min	30 min	3 (2)
3	CJD	134 °C	20 min	20 min	3 (2)
4	Delicate unwrapped	121 °C	15 min	15 min	2 (1)
5	Delicate wrapped	121 °C	30 min	30 min	3 (2)
6	Disinfecting	105 °C	25 min	15 min	1 (3)
7	Liquids	121 °C	30 min	-	1 (3)
8	Solids	121 °C	15 min	30 min	1 (3)
9	Solids	134 °C	4 min	30 min	1 (3)

(1) Double Vacuum purge.

(2) Triple Vacuum purge.

(3) Atmospheric purge (No vacuum).

MESSAGES:

- | | |
|-----------------------|---------------------------|
| 1. E 2PROM | 10. TEMPERATURE LOW FAULT |
| 2. RTC FAULT | 11. INPUT ERROR |
| 3. SENSOR PRECISION | 12. STERILIZATION |
| 4. HEATER PROBE | 13. LEVEL 1 |
| 5. CHAMBER PROBE | 14. LEVEL 2 |
| 6. OVER PRESSURE | 15. DOOR |
| 7. VACUUM | 16. PRINTER NO PAPER |
| 8. PRESSURE | 17. PAPER JAM |
| 9. BOILER TEMPERATURE | 18. ELECTRICAL FAULT |

ACCESSORIES

Ink Printer (no thermal).

Paper size 2 1/4" (56 mm) wide.

Includes communications and power cable.

Model

Part No.	Height/Width/Depth cm	Power	Weight Kg
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4120113 4 16 10 DC 5V 3A 1

Water distiller especially for Autoclaves. (See page 63).

Bag sealers (See page 68).

Special tray for bottles of 0.25, 0.5, 1 or 2 litres. Part No. **4002416**





Autoclave for sterilization Autester "ST DRY PV" 12 Class B

CAPACITY: "ST DRY PV": 12 LITRES.



According to directive: 97/23/CEE equipment under pressure, 3.3.

FEATURES

Stainless steel internal chamber.
Staged vacuum purge.
Dry by vacuum
Incorporated steam generator.
Water reservoir to supply the chamber
High vapour penetration of porous material
Used in digestive studies, ophthalmology, operating theatres etc .
Printer interface.
USB adapter for parameters memorization (optional).

SAFETY

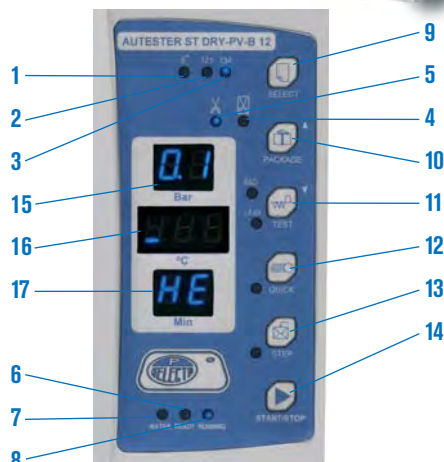
Safety valve. Prevents over pressure over the maximum working limit.

Safety thermostat. Disconnects power to the heater if over temperature or low water in the reservoir.

Thermally protected lid.



CONTROL PANEL



TEMPERATURE CONTROL AND AUTOMATIC MICROPROCESSOR CYCLE.

1. Textile materials
2. 121 °C.
3. 134 °C.
4. Wrapped solids.
5. Solids (Not wrapped).
6. Low level water indicator.
7. Autoclave ready for operation.
8. Sterilization cycle in process
9. Program selection.
10. Select wrapped or non wrapped.
11. Test.
12. Fast sterilization.
13. "maintain hot" the chamber.
14. Preheat.
15. Pressure indicator (bar).
16. Temperature indicator (°C).
17. Time Indicator (min.).

CYCLES	134 °C Wrapped	134 °C Not Wrapped	121 °C Wrapped	121 °C Not Wrapped	Textiles	Test Bowie Dick	Test Vacuum
Sterilization Temperature	134 °C	134 °C	121 °C	121 °C	134 °C	134 °C	-
Sterilization pressure	2.1 bar	2.1 bar	1.1 bar	1.1 bar	2.1 bar	-	2.1 bar
Vacuum purge time	8 min.	4 min.	8 min.	4 min.	8 min.	-	-
Sterilization time	12 min.	4 min.	30 min.	20 min.	12 min.	3.5 min.	10 min.
Dry time	10 min.	10 min.	10 min.	10 min.	15 min.	1 min.	-

MODEL	Part No.	Capacity litres	Ø / Depth cm	External dimensions cm			Trays dimensions cm			Power W	Weight kg
				Height	Width	Depth	Height	Width	Depth		
AUTESTER ST DRY PV B 12	4001727	12	20 35	39,2	48,7	60	1,8	14	29,5	1800	42,2



Comes complete with:
spare joint, door adjustment key, support with three trays,
extractor forceps, empty water filter and waste water out.

ACCESSORIES

USB adapter model.

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

Part No: **4120130**

Thermal Printer.

Paper size 2 1/4" (56 mm) wide.

Includes communications and power cable.

Power: DC 5V 3A

Part No: **4120123**

Water distiller especially for Autoclaves. (See page 63).

Bag sealers (See page 68).





Autoclave for sterilization “Autester ST DRY PV” 18 Class B “ST DRY PV” 23 Class B

CAPACITY: “ST DRY PV” 18: 18 LITRES. “ST DRY PV” 23: 23 LITRES..



According to directive: 97/23/CEE equipment under pressure, 3.3.

FEATURES

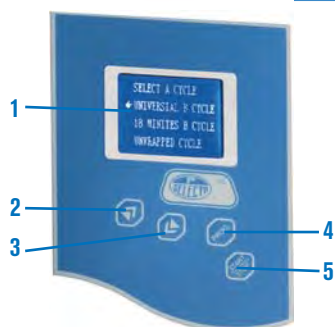
- Digital electronic control.
- Stainless steel internal chamber.
- Staged vacuum purge.
- Dry by vacuum
- Incorporated steam generator.
- Water reservoir to supply the chamber
- High vapour penetration of porous material
- Used in digestive studies, ophthalmology, operating theatres etc.
- Automatic or manual filling of the water tank.
- Printer interface.
- USB adapter for parameters memorization (optional).

SAFETY

- Mechanism door lock**, prevents the door being opened accidentally.
- Safety valve**. Prevents over pressure over the maximum working limit.
- Safety thermostat**. Disconnect power to the heaters if over temperature or low water in the reservoir are produced.
- Thermally insulated lid**.
- Dirty water tank full alarm**.

CONTROL PANEL

1. LCD screen.
2. Push button increase parameters.
3. Push button decrease parameters.
4. Push button menu.
5. Push button Start-Stop.



TEMPERATURE CONTROL AND AUTOMATIC MICROPROCESSOR CYCLE.

CYCLES	134 °C Emergency	134 °C Solid	134 °C Hollow	134 °C Sanguinary	121 °C Solid	121 °C Hollow	134 °C Glass	121 °C Tampon	134 °C Bowie Dick	134 °C Helix	134 °C User-defined	Test Vacuum
Sterilization Temperature	134 °C	134 °C	134 °C	134 °C	121 °C	121 °C	134 °C	121 °C	134 °C	134 °C	134 °C	-
Sterilization pressure	2,1 bar	2,1 bar	2,1 bar	2,1 bar	1,1 bar	1,1 bar	1,1 bar	1,1 bar	2,1 bar	2,1 bar	-	-
Vacuum purge number	1	1	4	3	1	3	1	3	3	3	3	-
Sterilization time	4 min.	4 min.	4 min.	18 min.	20 min.	20 min.	4 min.	30 min.	3,5 min.	3,5 min.	4 min.	-
Dry time	8 min.	4 min.	10 min.	10 min.	8 min.	10 min.	4 min.	18 min.	3min.	3 min.	3 min.	-

MODEL	Part No.	Capacity litres	Ø / depth cm	External dimensions cm			Trays dimensions cm			Power W	Weight kg
				Height	Width	Depth	Height	Width	Depth		
AUTESTER ST DRY PV 18	4001734	18	24,5 36	40	47	83	2	20,5	28	1500	46,6
AUTESTER ST DRY PV 23	4001735	23	24,5 47	40	47	94	2	20,5	38	1700	48



Comes complete with:
spare joint, door adjustment key, support with three trays,
extractor forceps, empty water filter and waste water out.

ACCESSORIES

- USB adapter model.**
Pen-Drive included (Memory board) for data storage.
Part No: **4120130**
- Ink Printer** (no thermal).
Paper size 2 1/4" (56 mm) wide.
Includes communications and power cable.
Power: DC 5V 3A
Part No: **4120123**
- Water distiller** especially for Autoclaves. (See page 63).
- Bag sealers** (See page 68).





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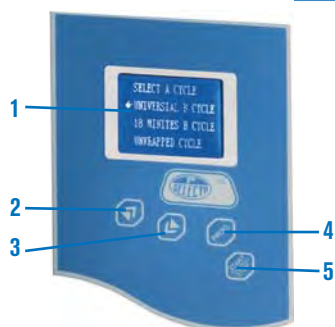
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Sterilization Temperature	134 °C	134 °C	134 °C	134 °C	121 °C	121 °C	134 °C	121 °C	134 °C	134 °C	134 °C	-
Sterilization pressure	2,1 bar	2,1 bar	2,1 bar	2,1 bar	1,1 bar	1,1 bar	1,1 bar	1,1 bar	2,1 bar	2,1 bar	-	-
Vacuum purge number	1	1	4	3	1	3	1	3	3	3	3	-
Sterilization time	4 min.	4 min.	4 min.	18 min.	20 min.	20 min.	4 min.	30 min.	3,5 min.	3,5 min.	4 min.	-
Dry time	8 min.	4 min.	10 min.	10 min.	8 min.	10 min.	4 min.	18 min.	3min.	3 min.	3 min.	-

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