



Sterilisation autoclave "Autester ST DRY PV" Class B



AUTOMATIC VACUUM DRY AND PURGE.
PROGRAMS TO 105 °C, 121 °C AND 134 °C (0.21 – 1 AND 2 bar).
MODEL HORIZONTAL. CAPACITY: 12, 18 AND 25 LITRES.

APPLICATIONS

"Class B" autoclaves are used within the field of general medicine, dentistry, veterinary, tattoo parlours and sterilisation applications in general, to sterilise any material that could have been in contact with body fluids including blood. The general capabilities of the instrument are regulated by EN 13060 that guarantees the differing sterilisation applications. The normal processes include: Solids with and without wrapping, porous material with and without wrapping and utensils that have cavities and holes (e.g. dentistry materials.)

To guarantee sterilisation of these materials the "AUTESTER ST DRY PV" Class B, autoclaves, have an efficient staged vacuum, that performs a complete extraction of air that allows penetration of the steam vapour. The same vacuum system is used to obtain the dry phase, which is required for perfect storage of sterilised materials. The "AUTOCLAVES ST DRY PV" Class B includes verification and validation programs.

CONFORMITY:	
EN 13060-1	SMALL GENERAL PURPOSE STEAM STERILISERS.
EN 13060-2	SMALL STEAM STERILISER: SPECIFIC TO "CLASS B"
EN 61010-1	EQUIPMENT SAFE FOR LABORATORY USE.
EN 61010-2-041	SAFETY FOR STERILISER EQUIPMENT FOR LABORATORY USE
EN 61326	ELECTROMAGNETIC COMPATIBILITY FOR EQUIPMENT USED IN THE LABORATORY.

SAFETY:	
SAFETY VALVE:	PREVENTS THE PRESSURE EXCEEDING THE MAXIMUM SET LIMIT.
SAFETY THERMOSTAT:	DISCONNECTS THE HEATER AGAINST OVER TEMPERATURE OR LOW WATER IN THE RESERVOIR. THERMALLY INSULATED LID.

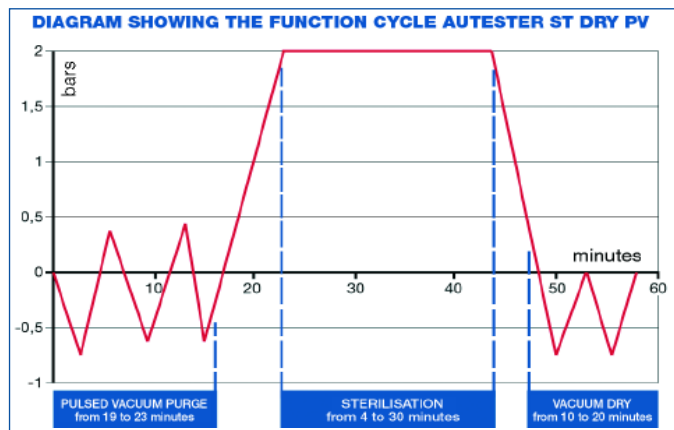


12 litres



18 litres

25 litres



Staged fractional vacuum: Extracts air from the load that permits absolute steam vapour penetration.

Sterilisation stage: Sterilisation within the time and temperature selected.

Dry cycle: Extracts the humidity from the load leaving it suitable for storage.



Sterilisation Autoclaves "Autester ST DRY PV" 12 Class B



CAPACITY: 12 LITRES.

CONFORMS TO THE FOLLOWING REGULATIONS:

- 97/23/CEE EQUIPMENT UNDER PRESSURE. PART 3.3

- 93/42/CEE SANITARY EQUIPMENT, REGISTERED ORGANISM 0197

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.

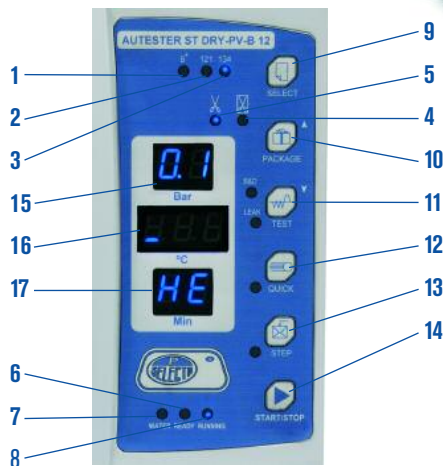
SAFETY

- 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.**



NEW

CONTROL PANEL



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. Sterilisation cycle in process
9. Program selection.
10. Select wrapped or non wrapped.
11. Test.
12. Fast sterilisation.
13. "maintain hot" the chamber.
14. Preheat.
15. Pressure indicator (bar).
16. Temperature indicator (°C).
17. Time Indicator (min.).

PROGRAMS	134 °C Wrapped	134 °C Not Wrapped	121 °C Wrapped	121 °C Not Wrapped	Textiles	Test Bowie Dick	Test Vacuum
Sterilisation Temperature	134 °C	134 °C	121 °C	121 °C	134 °C	134 °C	-
Sterilisation 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.	-	-
Sterilisation 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			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	1800	42.2	



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

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 W	Weight Kg
4120113	4 16 10	DC 5V 3A	1



Water distiller especially for Autoclaves. (See page 53).



Sterilisation Autoclaves "Autester ST DRY PV" 18 Class B



CAPACITY: 18 LITRES.
CONFORMS TO THE FOLLOWING REGULATIONS:
 - 97/23/CEE EQUIPMENT UNDER PRESSURE. PART 3.3
 - 93/42/CEE SANITARY EQUIPMENT, REGISTERED ORGANISM 0197

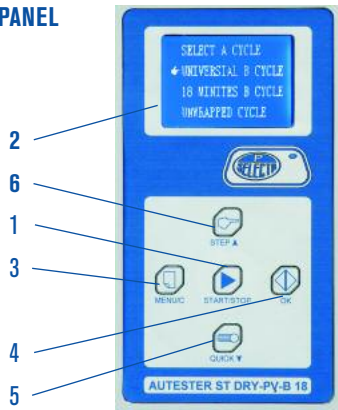
FEATURES

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

SAFETY

Positive 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.
Thermally insulated lid.

CONTROL PANEL



1. Start - Stop.
2. LCD screen.
3. Cancel - Menu.
4. Validation.
5. Rapid cycle.
6. Validation time.



PROGRAMS	134 °C Wrapped	134 °C Not Wrapped	134 °C Not Wrapped Fast	121 °C Wrapped	Test Bowie Dick	Test Vacuum
Sterilisation Temperature	134 °C	134 °C	134 °C	121 °C	134 °C	-
Sterilisation pressure	2.1 bar	2.1 bar	2.1 bar	1.1 bar	-	2.1 bar
Vacuum purge time	10 min.	10 min.	4 min.	10 min.	-	-
Sterilisation time	18 min.	4 min.	4 min.	16 min.	3.5 min.	10 min.
Dry time	10 min.	10 min.	10 min.	10 min.	1 min.	-

MODEL	Part No.	Capacity litres	Ø x depth cm			External Dimensions cm			Power W	Weight kg
			Height	Width	Depth	Height	Width	Depth		
AUTESTER ST DRY PV B 18	4001728	18	25	35	49.5	46	60	1800	46.6	



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

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
4120113	4 16 10	DC 5V 3A	1



Water distiller especially for Autoclaves. (See page 53).



Sterilisation Autoclaves "Autester ST DRY PV" 25 Class B

CAPACITY: 25 LITRES.

CONFORMS TO THE REGULATION - 97/23/CEE EQUIPMENT UNDER PRESSURE.



FEATURES

- Sterilisation chamber and lid made from AISI 316 stainless steel.
- External case epoxy coated.
- Incorporated steam generator separate from the main sterilisation chamber.
- Digital control of all autoclave operations.
- Large back lit LCD 2 x 24 character display.
- Air filter, purifies air before entering the sterilisation chamber.
- Separate clean water reservoir for the steam generator and waste water.
- RS-232 Interface output of parameters to a computer.
- RS-232 Printer interface.

SAFETY

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

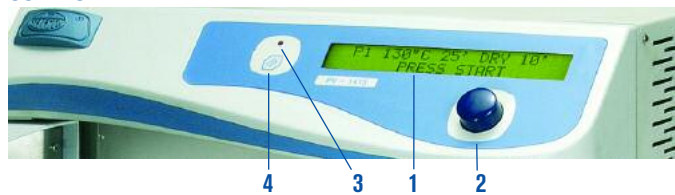
ALARMS

- Pressure/Temperature reading out of normal value.
- Door Open.
- Electrical fault.
- Over pressure.
- Over temperature.
- Program error.
- Low water.
- Water reservoir level full.

Complete selection of programs.
Displays in Spanish - English - French.
Output RS-232.



CONTROL PANEL



- 1 - LCD parameter display.
- 2 - Mono control button of multi functions that selects:

A - PROGRAMS:	Temperature °C	Sterilisation time (minutes)	Drying Time (minutes)
- (1) Fast No wrapping	134	4	10
- (2) Universal wrapping	134	12	15
- (3) C.J.D.Priones	134	20	15
- (4) Delicate no wrapping	121	15	20
- (5) Delicate wrapped	121	30	20
- (6) Universal	121	20	15
- (7) Disinfection	105	10	-
B - FUNCTION CONFIGURE:			
Language (Spanish, English and French) – Printer - Timer - Password			
C - TEST: Vacuum test – Bowie Dick test.			
D - CALIBRATION: Temperature – Pressure.			

- 3 - LED in operation.
- 4 - Push button Start - Stop.

MODEL	Part No.	Capacity litres	Ø/Depth (usables) cm	Height/Width/Depth (exterior) cm	Power W	Weight Kg
AUTESTER ST DRY PV 25	4002414	25	30 35	48 46 55	2510	52



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

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
	4120113	4 16 10	DC 5V 3A	1



Water distiller especially for Autoclaves. (See page 53).