



ELECTRICAL AUTOCLAVES FOR STERILIZATION

Wide range of electrically heated bench top and top loading autoclaves. Pressure range from 0.62 to 2 bar, Capacity: 8, 12, 18, 20, 23, 25, 50, 80 and 150 litres.

Complies with the pressure and autoclave directives



• More than 60 years of experience in the in the specialty of Sterilization.



BLOCKCHAIN SECURITY



CLOUD CONNECTIVITY

CER.21 - APAR.11

PRINCIPAL OF STEAM STERILIZATION:

STERILIZATION IS THE PROCESS OF THE DESTRUCTION AND ELIMINATION OF ALL FORMS OF MICROBIAL LIFE, INCLUDING BACTERIA AND ITS SUB-FORMS.

THE LABORATORY AUTOCLAVE CONSISTS OF A VESSEL IN WHICH STEAM FLOWS AT A HIGH PRESSURE WITH A STERILIZATION PURPOSE. SATURATED STEAM WILL IMMEDIATELY CONDENSE AND THUS RELEASING ITS HIGH EVAPORATION HEAT, WHICH IS IN FACT THE DESTRUCTIVE AGENT. IN ORDER THAT STERILIZATION WOULD BE EFFECTIVE, STEAM MUST BE SATURATED AND, CONSEQUENTLY, ALL THE AIR INSIDE THE VESSEL MUST BE PURGED BEFORE INITIALIZING THE PROCESS.

IN THE FOLLOWING PAGES J.P. SELECTA OFFERS AN EXTENSIVE RANGE OF AUTOCLAVES WITH A CHOICE OF ATMOSPHERIC PURGING OR VACUUM PURGING SYSTEMS. A CHOICE OF MICROPROCESSOR CONTROLLED SYSTEMS ARE OFFERED INCLUDING DRYING CYCLES AT THE END OF THE STERILIZATION CYCLE.



Electrical Autoclaves for sterilization



**TWO DIFFERENT CONTROL SYSTEMS:
CONTROL BY PRESSURE WITH ATMOSPHERIC PURGE:
MICRO 8 MED 12 MED 20**



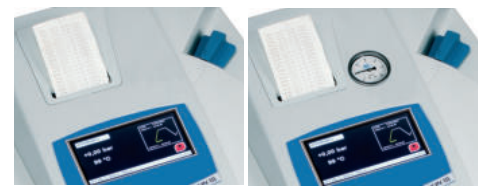
**MICROPROCESSOR CONTROL OF TEMPERATURE AND STERILIZATION CYCLE,
PULSED VACUUM AIR PURGE:**



**AUTESTER ST DRY PV-B PRINT (mod. horizontal)
AUTESTER ST DRY PV-B 12 (mod. horizontal)**



**PRESOCLAVE PLUS III 50 (mod. vertical)
PRESOCLAVE PLUS III 80 (mod. vertical)
PRESOCLAVE PLUS II 150 (mod. vertical)**
The printer can be built-in the autoclaves together with the control panel



TOUCHSCREEN TFT DISPLAY WITH VIRTUAL BUTTONS. 7" TFT - HMI.

SUMMARY TABLE OF MODEL RANGE

QUICK OVERVIEW

MODELS	Part No.	System DRY	Capacity litres	Temperature °C	Pressure bar	Power W	Control	Purge control	Type
MICRO 8	4001745	NO	8	121 and 134	1 and 2	1000	Pressure thermostat	Manual	Vertical bench top
MED 12	4001756	NO	12	121 and 134	1 and 2	1800	Pressure thermostat	Atmospheric	Vertical bench top
MED 20	4001757	NO	20	121 and 134	1 to 2	2500	Pressure thermostat	Atmospheric	Vertical
PRESOCLAVE PLUS III 50	4001770	NO	50	115 to 134	0.62 to 2	3600	Electronic controller	Atmospheric	Vertical
PRESOCLAVE PLUS III 80	4001771	NO	80	115 to 134	0.62 to 2	3600	Electronic controller	Atmospheric	Vertical
PRESOCLAVE PLUS III 150	4002172	NO	150	115 to 134	0.62 to 2	7500	Electronic controller	Atmospheric	Vertical
AUTESTER ST DRY- S USB 50	4002521	YES	50	105 to 134	0.21 to 2	4850	PLC	Purged vacuum	Vertical
AUTESTER ST DRY- S USB 80	4002522	YES	80	105 to 134	0.21 to 2	4850	PLC	Purged vacuum	Vertical
AUTESTER ST DRY- S USB 150	4002523	YES	150	105 to 134	0.21 to 2	14000	PLC	Purged vacuum	Vertical
AUTESTER ST DRY GMP-S 50	4002524	YES	50	105 to 134	0.21 to 2	4850	PLC	Purged vacuum	Vertical
AUTESTER ST DRY GMP-S 80	4002525	YES	80	105 to 134	0.21 to 2	4850	PLC	Purged vacuum	Vertical
AUTESTER ST DRY GMP-S 150	4002526	YES	150	105 to 134	0.21 to 2	14000	PLC	Purged vacuum	Vertical
STERIL PRES USB - 80	4002442	YES	80	80 to 128	0,21 to 2	4850	PLC	Back pressure	Vertical
STERIL PRES USB - 150	4002443	YES	150	80 to 128	0,21 to 2	7500	PLC	Back pressure	Vertical
STERIL PRES GMP - 80	4002444	YES	80	80 to 128	0,21 to 2	4850	PLC	Back pressure	Vertical
STERIL PRES GMP - 150	4002445	YES	150	80 to 128	0,21 to 2	7500	PLC	Back pressure	Vertical
AUTESTER ST DRY PV 12	4001737	YES	12	121 to 134	1 and 2	1800	Microprocessor	Purged vacuum	Horizontal bench top
AUTESTER ST DRY PV-B PRINT	4001739	YES	23	121 to 134	1 and 2	2300	Microprocessor	Purged vacuum	Horizontal bench top
MED 40 CLT	4002000	NO	40	105 to 125	0 to 2	6000	PLC	Atmospheric	Vertical



Autoclaves for sterilization "MICRO 8", "MED 12" and "MED 20"

PRESSURE REGULATOR THERMOSTAT OF 1 AND 2 bar. TEMPERATURES 121 °C AND 134 °C.
VERTICAL DESKTOP MODELS. "MICRO 8" CAPACITY: 8 LITRES. "MED 12" CAPACITY: 12 LITRES.
VERTICAL STAND MODEL "MED 20" CAPACITY: 20 LITRES.
MAXIMUM PRESSURE: 2.5 BAR

An economic alternative. Semiautomatics.

SAFETY:

SAFETY VALVE: PREVENTS THE PRESSURE WITHIN THE AUTOCLAVE OVERPASSING THE MAXIMUM SET LIMIT.
SAFETY PRESSURE: DISCONNECTS POWER TO THE HEATER IN CASE OF OVERPASSING THE PRESSURE SET LIMIT.
SAFETY THERMOSTAT: DISCONNECTS THE HEATING IN CASE OF OVERTEMPERATURE OR LACK OF WATER IN THE TANK.
THERMALLY INSULATED LID MADE OF MOLDED THERMOPLASTIC.

COMMON FEATURES

AISI 304 stainless steel external case and top.
Stainless steel chamber and lid, with easy opening.
INCOLOY special stainless steel heater element, which provides long life, low corrosion and high temperatures resistance.
Manual air purge when starting ("MICRO 8" model).
Automatic atmospheric purge ("MED 12" and "MED 20" models).
Safety device to prevent lid opening.
Starting main switch.



REAR PART

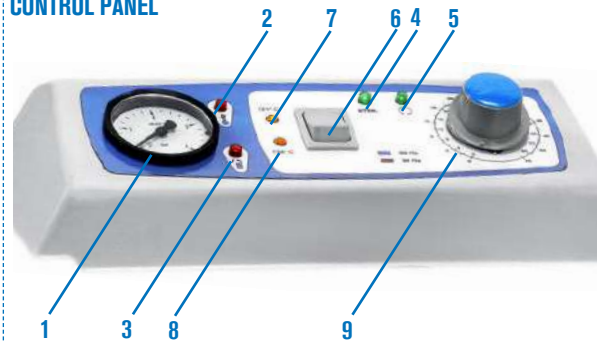
Mains source.
Two fuse carriers.
Safety thermostat.



SIDE PART

Drain outlet.
Steam and drainage selective valve.

CONTROL PANEL



1. Pressure gauge.
2. Over temperature alarm light indicator.
3. Door open light indicator.
4. Sterilization phase light indicator.
5. Sterilization end of cycle light indicator.
6. Temperature selector 121°C or 134°C.
7. Light indicator at 121°C.
8. Light indicator at 134°C.
9. Timing from 0 to 60'.



Autoclave for sterilization "MICRO 8"

DESKTOP MODEL



MODEL

Part No.	Capacity litres	Ø (usable) cm	Height (usable) cm	Height/Width/Depth (exterior) cm	Power W	Weight Kg
4001745	8	24	15	40 38 38	1000	13

It comes complete with a stainless steel wire basket of Ø 22x14cm high. Part no. 1004771.



Autoclave for sterilization "MED 12"

DESKTOP MODEL

Features: see page 56



MODEL

Part No.	Capacity litres	Ø (usable) cm	Height (usable) cm	Height/Width/Depth (exterior) cm	Power W	Weight Kg
4001756	12	24	26	46 38 38	1800	18

It comes complete with a stainless steel wire basket of Ø 22x24cm high. Part no. 1004772.



Autoclave for sterilization "MED 20"

VERTICAL STAND MODEL.

CONFORMS TO APPARATUS PRESSURE REGULATION DIRECTIVES.

Features: see page 56



MODEL

Part No.	Capacity litres	Ø (usable) cm	Height (usable) cm	Height/Width/Depth (exterior) cm	Power W	Weight Kg
4001757	20	24	41	70 38 38	2500	41

It comes complete with two stainless steel wire baskets of Ø 23x17 cm Part No. 1004773