



# AUTOCLAVE 18-D 18 L - Class B

Ref. 100365



## DIRECTIVES AND STANDARDS

- 97/23/EEC Pressure Equipment Directive.
- Regulation (EU) 2017/745 on medical devices (MDR)
- EN 13060 Small Steam Sterilizers.
- EN 61326, EN 61000 Electromagnetic compatibility.
- EN 61010-1, UL 61010-1 Safety requirements.
- EN 61010-2-040, IEC 61010-2-040 Particular requirements for sterilizers used to treat medical materials.
- EN 13485: 2012/AC:2012
- ISO 13485: 2003



0197



**icanCLAVE**  
Official Technical Service  
for Europe in Spain:  
[europe@icanclave.com](mailto:europe@icanclave.com)

# AUTOCLAVE D118

Ref. 100365

## INTERFACE

Intuitive.

## SAFETY

Safety lock.

## CAPACITY

You will have no problem accommodating your instruments.



✓ Very simple interface, which allows the professional to work safely for its easy handling, offering confidence to the clinics and their patients.

✓ LCD screen, which shows information about the cycle process: time, temperature, pressure, process alert.

✓ Different languages to choose from: Spanish, English, German, French, Italian, Dutch, Polish, Romanian, Czech, Latvian, Lithuanian, Hungarian and Chinese.

✓ Test: Vacuum test / Bowie & Dick test / Helix test.

✓ Class B models include cycles for hollow loading type A and type B in addition to a specific cycle for prions.

✓ The double door protection system prevents the cycle from starting if the door is not locked correctly. This system also prevents the door from opening if the pressure inside the chamber is not equal to the atmospheric pressure outside the chamber.

✓ Pressure safety valve prevents overpressure in the chamber and steam generator.

✓ The power supply is automatically cut if there is a short circuit or an electrical fault capable of detecting and identifying the exact cause of any problem and issuing a specific error code to the operator.

✓ Water tank water level switch that controls the maximum and minimum water level.

✓ Automatic warning for maintenance.

18 liter capacity. Class B.  
3 trays and a holder included.



Security valve.

## STERILIZATION

High precision.



### STERILIZATION CONTROL

- ✓ Sterilization report printing and display available in several languages.
- ✓ USB and printer included.
- ✓ Data from last 20 cycles can be automatically saved in the system and printed from your PC.

#### Sterilization Record

```

=====
Program: WRAPPED
Temperature: 134C
Pressure: 206.0kpa
Drying Time: 08Min
Holding Time: 4.0Min
=====
Start      Timp.    Temp.    Pressure
T1:       12:31:32  08 7.1C  -075.0kpa
T2:       12:33:43  110.2C   052.0kpa
T3:       12:36:37  088.9C   -080.0kpa
T4:       12:39:20  114.7C   053.7kpa
T5:       12:43:37  087.9C   -080.0kpa
T6:       12:50:40  134.8C   206.0kpa
TS:       134.7C   209.5kpa
Max. Temperature: 135.2C
Min. Temperature: 134.3C
Max. Pressure: 214.0kpa
Min. Pressure: 204.9kpa
T7:       12:54:39  134.4C   211.4kpa
T8:       12:57:36  102.1C   -060.0kpa
T9:       12:59:54  098.2C   -060.0kpa
End       13:04:07  102.4C
=====
Cycle No.: 00017
Ster. Value: Success
Date: 2014-06-07
SN: E54723
Operator:
=====
    
```

## TANK

Open type.



Open type water tank, very comfortable location, allowing easy filling and cleaning.

### Bacteriological filter



## FEATURES

General characteristics.

- ✓ Class B 18-liter desktop autoclave.
- ✓ High quality internal components of Italian, Japanese and American brands.
  - ODE valves.
  - ULUAK vacuum pump.
  - ULKA water pump.
- ✓ Ultra quiet (noise level below 70 dB).
- ✓ Triple fractionated vacuum system with an independent steam generator, which guarantees fast and safe sterilization cycles.
- ✓ High precision control system for perfect sterilization results (EN13060).
- ✓ Self-diagnosis with error codes.
- ✓ Fully automatic with pre-programmed sterilization cycles.
- ✓ Stainless steel chamber and door, with electro-polished finish.
- ✓ Open type water tank, which allows easy filling and cleaning.

### Technical characteristics

Height	445 mm
Width	480 mm
Depth	575 mm
Weight	47 kg.
Rated voltage	220-240 V 50/60 Hz.
Chamber dimensions	247 / 350 mm
Circuit breaker	F16 A / 400 V
Rated power	1750 V
Sterilization temperatures	121/134 °C
Distilled water tank capacity	2.5 litros
Operating temperature	5-40
Relative operating humidity	Max. 80% uncondensed
Max. noise level	< 70 dB
Atmospheric operating pressure	76-106 kPa



At **MESTRA** we are specialized in the manufacture and distribution of dental machinery and appliances. We are a Spanish company based in Bizkaia. We currently export to clients in more than fifty countries on five continents and we have more than a thousand references in our catalogue.

We have maintained a line of constant expansion since our foundation in 1945, thanks to our best qualities: the high quality of our products that have earned the ISO 9001:2015 certification by TÜV Rheinland, a close and attentive relationship with our customers, and a constant technical innovation in the design of our products.

Our design philosophy is based on three fundamental pillars: the needs of our clients, the observation of the techniques used in dental laboratories and our more than 77 years of experience providing creative and contemporary solutions to the daily problems of professionals in the sector.

**Do you want to take  
a virtual visit to our training  
and exhibition center?**

**Contact us and  
we'll show you!**



**Talleres Mestraitua SL**  
(+34) 944 530 388  
info@mestra.es - www.mestra.es  
48150 SONDIKA (Spain)

