11	Bacteriological filter
12	Manual water filling with funnel
13	Water filling with pump
14	Used water draining
15	Display
16	Printer
17	Connector RS232
18	Connector B-test (incubator) ***(paragraph 2.3)***
19	General switch (**MAINS**)
20	121℃ cycle unwrapped indicator
21	121℃ cycle wrapped indicator
22	134℃ cycle unwrapped indicator
23	134℃ cycle wrapped indicator
24	Cycle Prion
25	Cycle 134℃ Flash
26	Vacuum Test
27	Led Helix – B&D Test
28	Clean Water Minimum Level
29	Clean Water Maximum Level
30	Used Water Maximum Level

B-START	Start of cycle selection button
B-PUMP	Button for water filling with pump
B-SELECT	Cycle selection button
B-DOOR	Door opening button

02 SAFETY

2.1 Safety Marking

HAZARDOUS VOLTAGE

DISCONNECT THE POWER BEFORE REMOVING THE LID

HIGH TEMPERATURE

EARTH CONNECTION

2.2 Safety Devices

The following Safety Devices are installed:

- Safety valve set at 2.4 bar 0/+10%
- Electromagnetic lock to prevent the door from opening while the cycle is running
- Resistance over temperature thermostats

2.3 Safety Notes

- The manufacturer is liable for the marketed product in accordance with current regulations.

The manufacturer's liability will expire when operations are carried out on the device, or a part of it, by unskilled personnel or using non-original spare parts.

- There should be no potential risk of explosion and/or fire in the room where the autoclave is installed.

- The autoclave should be installed in a special well-ventilated room.

The incubator's connector (PICT.1 pos **18**), should be used only for the B-TEST.

The 230 V a.c. connection is indipendent by the **MAINS**, don't touch the connector with wet hands and protect by the water.

2.4 Disposal

This product is subject to Directive 2002/96/EC of the European Parliament and the Council of the European Union on Waste of Electrical and Electronic Equipment (WEEE) and, in jurisdictions adopting that Directive, is marked as being put on the market after August 13, 2005, and should not be disposed of as unsorted public waste. Please utilise your local WEEE collection facilities in the disposition and otherwise observe all applicable requirements.

03 INTENDED USE OF AND USING

The autoclave is able to sterilize the three types of load provided for by the standard EN13060, especially:

METAL OR SOLID MATERIALS — Instruments with no cavities and no obstacles to the penetration of steam

POROUS OBJECTS — Simple or composite materials that can absorb fluids (fabrics, gowns, surgical gauzes, dressings, etc)

HOLLOW OBJECTS — Materials or devices with cavities, obstructions, etc.
These are subdivided into two types, classified according to the length and diameter of the cavity. Approximately:
TYPE B: cannulas, tubes or devices with large passages.
TYPE A: turbines, hand pieces and devices with blind or small holes.

The autoclave must be used, solely and exclusively, for the sterilization of instruments and materials compatible with the steam sterilization system.

This equipment can be used in the dental, medical, aesthetic fields and, generally, in all the fields where the sterilization of the instruments and materials is made

This device has been certified for the sterilization of the following materials *:

	EUROPA B EVO	EUROPA B EVO 24
Wrapped and unwrapped solid materials for a maximum load of	kg. 5,00	kg. 7,00
Type A/B hollow materials for a maximum load of	kg. 5,00	kg. 7,00
Porous materials for a maximum load of	kg. 1,50	kg. 2,0

* Only for european countries

Always make sure the loads undergoing sterilization can withstand the temperatures of the selected cycle

04 TECHNICAL DATA

4.1 Mechanical Data

	EUROPA B EVO	EUROPA B EVO 24
Working temperature	+5℃ ÷ +40℃	
Maximum altitude	2.000 m	
MAX relative humidity at 30℃	80%	
MAX relative humidity at 40℃	50%	
Dimensions of space occupied (L x H x P)	510 X 390 X 590 mm	510 X 390 X 730 mm
Space occupied with open door	300 mm	
Weight (tank empty)	54 kg	58 kg
Weight (tank full)	63 kg	67 kg
Weight of area of support	2058 N/m^2	2058 N/m^2
Volume	0.12 m^3	0.15 m^3
Potential sound level	< 70 db A	

4.2 Electrical Data

	EUROPA B EVO	EUROPA B EVO 24
Power voltage	230 V a.c. +/-10 % single phase	
Power	1,7 kW	2.0 kW
Frequency	50 / 60 Hz	
Power cord	2 + 1 x $1mm^2$	
Fuses	6.3 x 32 - 12 A	
Heat transmitted	3.6 E +6 J / hour	

4.3 Chamber

	EUROPA B EVO	EUROPA B EVO 24
MAX working pressure	2.4 bar (relative)	
MAX empty	- 0.9 bar (relative)	
MAX Temperature	138 ℃	
Material	Inox AISI 304	
Size	Ø 245 x 318 mm	Ø 245 x 500 mm

4.4 Clean Water tank

	EUROPA B EVO	EUROPA B EVO 24	
		With Demineralizer	**Without Demineralizer**
Volume	4,5 l		
Usable cycles	4	Read demineralizer instruction	2
Material	polyethylene		

4.5 Used Water tank

	EUROPA B EVO	EUROPA B EVO 24
Volume	4,5 l	
Usable cycles	4	2
Material	polyethylene	
Max temperature used water	50℃	

4.6 Bacteriological filter

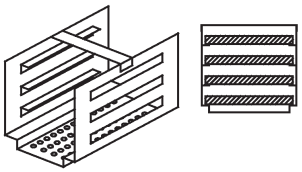
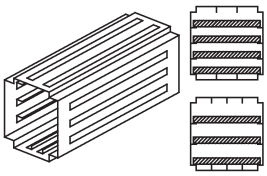
	EUROPA B EVO	EUROPA B EVO 24
Diameter	56 mm	
Filtering capacity	0.3 µm	

05 ACCESSORIES

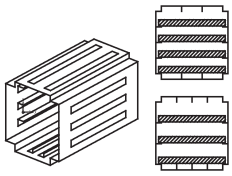
Autoclave is sold and delivered complete of all accessories, which are included in the original packaging.

Accessories provided and optional accessories:

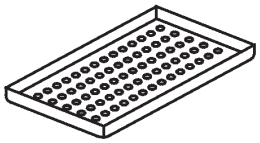
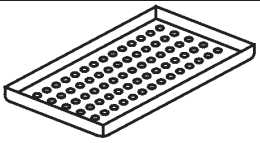
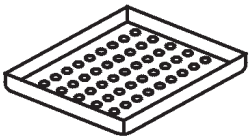
- TRAY HOLDER

	EUROPA B EVO	EUROPA B EVO 24
Material	Aluminium anodized	
Size (L x H x P)	192 x 165 x 280 mm	192 x 200 x 470 mm
Picture	 ***PICT.3***	 ***PICT.4***
Envelope standard	1	

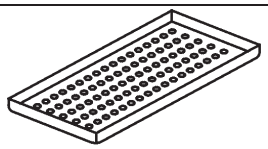
-- Optional TRAY HOLDER

	EUROPA B EVO	EUROPA B EVO 24
Material	Aluminium anodized	/
Size (L x H x P)	193 x 200 x 280 mm (200 x 193 x 280) mm	/
Picture	 ***PICT.5***	/
Envelope standard	1	/

- TRAYS

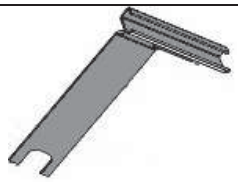
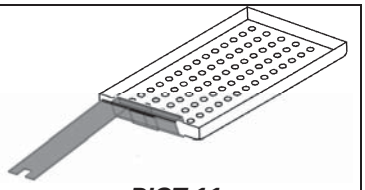
	EUROPA B EVO	EUROPA B EVO 24
Material	Aluminium anodized	
Size (L x H x P)	184 x 17 x 286 mm	184 x 17 x 286 mm + 184 x 17 x 140 mm
Picture	 ***PICT.6***	 ***PICT.7*** +  ***PICT.8***
Envelope standard	4	4 + 4

-- Optional trays

	EUROPA B EVO	EUROPA B EVO 24
Material	/	Aluminium anodized or stainless steel
Size (L x H x P)	/	184 x 17 x 460 mm
Picture	/	 ***PICT.9***
Envelope standard	/	4

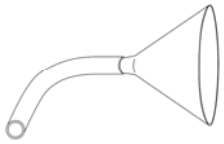
- TRAY EXTRACTION AND DOOR ADJUSTMENT WRENCH

Use for extract the trays (***PICT.11)*** and for door adjustement ***(paragraph 11.4)***

Picture	 ***PICT.10***	 ***PICT.11***
Envelope standard	1	

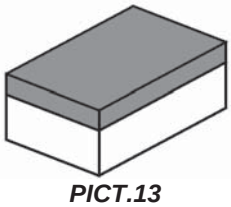
- PLASTIC FUNNEL WITH PIPE

Use to charge water in manual metod ***(paragraph 8.3)***

Picture	 ***PICT.12***
Envelope standard	1

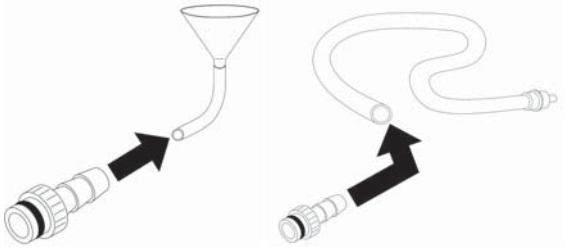
- CHAMBER AND DOOR GASKET CLEARING SPONGE

Use to clean sterilization chamber and door gasket ***(paragraph 11.2-11.3)***

Picture	 ***PICT.13***
Envelope standard	1

- CONNECTION FOR WATER FILLING PIPE AND PLASTIC FUNNEL

Use with plastic funnel and water filling pipe with filter

Picture	 ***PICT.14***
Envelope standard	1

- WATER FILLING PIPE WITH FILTER

Use to charge water with pump ***(paragraph 8.3)***

Picture	 ***PICT.15***
Envelope standard	1

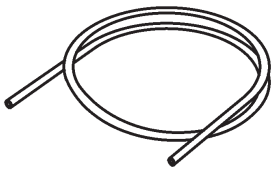
- WATER DISCHARGHE PIPE

Use to empty used water tank ***(paragraph 8.9)***

Picture	 ***PICT.16***
Envelope standard	1

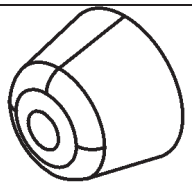
- RILSAN PIPE

Connect one pipe end into the used water overflow - condensate drain pipe fitting (PICT.1 pos. **4**) and put the other end in a tank.

Picture	 ***PICT.17***
Envelope standard	1

- REAR SPACER

Put the spacer in the autoclave's back panel (PICT.1 pos. **0**) It's necessary for guarantee a good ventilation if you place the autoclave near a wall.

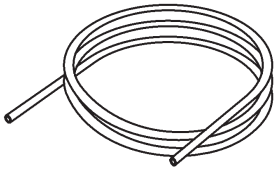
Picture	 ***PICT.18***
Envelope standard	1

- PIPES FOR DISCHARGE UTILITIES

1- Pipe for clean water overflow
2- *Pipe for discharging used water*

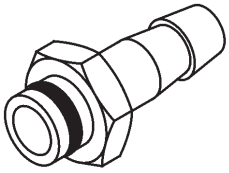
1- Connect one pipe end into the water overflow pipe fitting (PICT.1 pos. **1**) and put the other end in a tank or in the discharge (demineralizer version).

2- Connect one pipe end at the pipe fitting PICT.20 and screw it into the used water tap (PICT.1 pos. **5**) then put the other end in a tank or in the discharge.

Picture	 ***PICT.19***
Envelope standard	2

- PIPE FITTING FOR BACK DISCHARGE USED WATER

Connect the pipe for discharging used water into the pipe fitting for back discharge used water PICT.20 and screw into the used water tap (PICT.1 pos. **5**).

Picture	 ***PICT.20***
Envelope standard	1