



**Stainless**

**Steel**

**Steam**

**Sterilizers**

**SST2200**B&B+P

**SST1700**B&B+P

Your new as**SiST**ants



# SST Sterilizers

Stainless Steel Steam Sterilizers



**SST Sterilizers** a new complete line of small steam sterilizers .

**C.B.M.** has merged its own experience in steam sterilization and its stainless steel manufacturing know-how, into a new line of bench top autoclaves conforming to **EN13060**.

**SST Sterilizers** have a smooth, clean and minimal design with the latest microprocessor technology.

**SST Sterilizers** have been designed for **easiness, reliability and durability**.

In other words **SST Sterilizers** respect our main focus...

**...quality in Your hands.**

2

Class IIb  
Medical Device  
According to  
EEC/93/42

CE  
0434

Conforming to:  
EN 13060  
EN61010-1 EN61010-2-040  
EN61326 EN13445



**High quality materials** used in will assure an **incredible resistance**.

The **frame** and the external **chassis** are manufactured entirely in **Aisi 304 Stainless Steel** .

The front panels are manufactured in impact and **heat resistant techno polymer** enameled with a **special patented paint resistant to scratches, detergents and disinfectants**.



The **SST Sterilizers** sterilization chambers, 17 and 23 lts, are manufactured entirely in **Aisi 304 Stainless Steel** and are **deep drawn in a seamless piece**.

The absence of welding allows the **reduction** of chamber mass, reducing dramatically the waste of **electric heating energy** .

The **special treatment** of the chamber surfaces prevents water stains and improves the **easiness in cleaning**.

**SST Sterilizers** are equipped with an **automatic motorized door closing system**.

The **new door** system has been designed in order to **eliminate** the **user effort**.

The door is fully closed only **during** the **sterilization cycle**. The **safety control** system **avoids door opening** if there is pressure in the chamber.



**SST Sterilizers** are equipped with a **wide 5.7\"**

The **user friendly interface** guides the operator with **simple icons and explaining messages**.

The **wide and bright display** assures a **correct visibility** in all ambient.

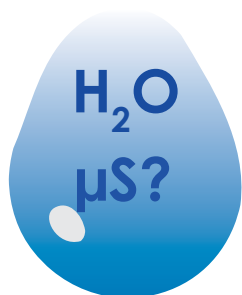
# SST Sterilizers

## Main characteristics

All the **main devices** are mounted in an **easy access** way in the front panel.

**SST Sterilizers** are equipped with an **integrated USB port** and **USB pen drive** for **recording** and **traceability** of the cycles.

**SST2200B+P** and **SST1700B+P** are supplied with **integrated thermal printer**.



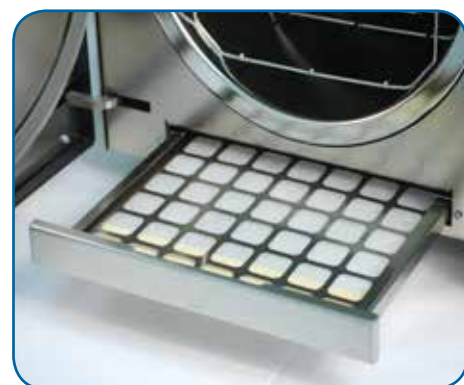
Through the **front panel**, demineralized **water** can be **automatically loaded** and **used water**, collected in the **separate tank**, can be **drained**.

Sterilizers are provided with a system for the **evaluation** of the **demineralized water quality** and a **connection** for the direct feeding from **an external demineralizer**.

As requested by the **EN13060**, in case of poor water quality, the operator will be immediately advised by a message.

**SST Sterilizers** are equipped with a powerful cooling system. Thanks to a double fan **fresh air is always circulating** into the chassis. This system **prevents failures** and damages caused by sterilizer overheating.

As we know that "**clean device last longer**", **SST Sterilizers** are equipped by an easy accessible **filtration unit**.



**SST Sterilizers** control system is provided with different **apps** for the **reduction of electricity consumption**.

**Stand-by app** will **reduce the electricity waste** during non using phases.

**SST Sterilizers** are equipped with a **steam generator** that, while assuring the **best steam** quality, **reduces** the amount of **water used** per cycle.






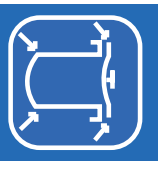
## Sterilization and test cycles table

**SST Sterilizers** are equipped with a **powerful vacuum pump** that assures the performances of the air removal system through **fractionated vacuum**.

**SST Sterilizers** are provided with an **intelligent drying mode** called **ECO Drying** that **automatically evaluates the load volume** and decides the correct drying time. The **ECO Drying reduces** dramatically **the total cycle time and reduces the electricity consumption as well.**

The **P.I.D. control system** assures the **maximum accuracy** and **"Automatic Evaluation System"** controls the achieving of the **EN13060 requirements** in every cycles.



						
Cycle type EN13060	<b>B</b>	<b>B</b>	<b>B</b>	<b>S</b>	<b>Helix &amp; B.D. Test</b>	<b>Air Leakage Test</b>
Sterilization Temperature	<b>121°C</b>	<b>134°C</b>	<b>134°C</b>	<b>134°C</b>	134°C	-
Sterilization Pression	1.1 Bar	2.15 Bar	2.15 Bar	2.15 Bar	2.15 Bar	-
Sterilization phase	<b>18 Minutes</b>	<b>4 Minutes</b>	<b>20 Minutes</b>	<b>4 Minutes</b>	3.5 Minutes	-
Drying phase	0-15-30 - <b>ECO</b> Minutes	0-15-30 - <b>ECO</b> Minutes	0-15-30 - <b>ECO</b> Minutes	0-5-10 - <b>ECO</b> Minutes	-	-
Total cyle time* SST1700B	35 Minutes	<b>22 Minutes</b>	38 Minutes	16 Minutes	17 Minutes	-
Total cyle time* SST2200B	37 Minutes	<b>25 Minutes</b>	41 Minutes	17 Minutes	18 Minutes	-

\*warm status+small load + **ECO** drying

	Unpacked, packed or double packed			Unpacked	Empty chamber or test PCD's/indicators
<b>Solid</b>	Yes	Yes	Yes	Yes	
<b>Small porous</b>	Yes	Yes	Yes	No	
<b>Porous</b>	Yes	Yes	Yes	No	
<b>Hollow type A</b>	Yes	Yes	Yes	No	
<b>Hollow type B</b>	Yes	Yes	Yes	Yes	

### LIMITS OF LOAD (Gross weight)

<b>Maximum solid load</b>	6 Kg (23lbs) 4.5 Kg (17lbs)	6 Kg (23lbs) 4.5 Kg (17lbs)	6 Kg (23lbs) 4.5 Kg (17lbs)	6 Kg (23lbs) 4.5 Kg (17lbs)	Not suitable for sterilization
<b>Maximum porous load</b>	2 Kg (23lbs) 1.5 Kg (17lbs)	2 Kg (23lbs) 1.5 Kg (17lbs)	2 Kg (23lbs) 1.5 Kg (17lbs)	-	





# SST Sterilizers

## Standard Equipment

**SST Sterilizers** are delivered with a free license of our useful **CBM Sterireport** software for downloading and storing of each cycle recorded on the **USB pen drive**.



**SST Sterilizers** are equipped with a **standard shelves rack** entirely made of **stainless steel** wire.

**Four stainless steel trays** are provided standard in each autoclave.

The **shelves rack** accepts up to 5 trays but it can be also turned in a position that accepts **2 “Small set containers”** that can be purchased separately.



**SST Sterilizers** are delivered with a **useful tray lever** with **heat protection handle** that prevents the contact with hot trays after the sterilization cycle.

## Optional

**SST Sterilizers** can **be directly connected** to our external **water demineralizer SST-DEM**.

Our **SST-DEM** assures continuous supply of **good quality demineralized water**. The **SST-DEM** kit can be wall mounted and consists of:

- nr.1 fixation bracket
- nr.2 polipropilene filter housing
- nr.1 fittings and hoses kit
- nr.2 cartridges
- demineralization resins



art.SST-DEM

**SST2200B** and **SST1700B** can be connected to our external thermal printer **art. 2181** by means of a RS232 connection placed in the back of the sterilizer (not possible for B+P models).



art.2181

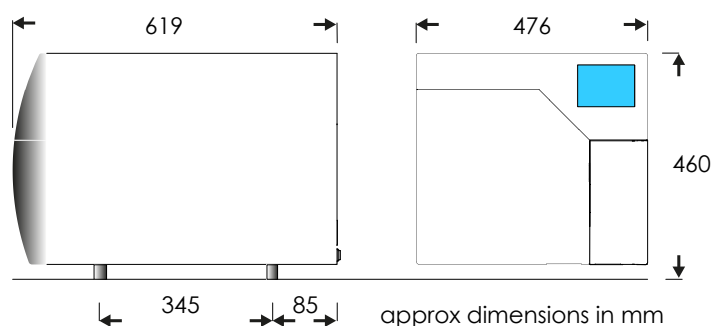
**SST Sterilizers** are **black** but also can be supplied in **white**.



White

# Technical data and dimensions

	SST2200B	SST2200B+P	SST1700B	SST1700B+P
Chamber dimension	Ø254 mm x 450 mm		Ø254 mm x 350 mm	
Chamber volume	23 lts		17 lts	
Chamber material	Stainless Steel Aisi 304			
Steam generator	Dedicated			
Steam generator material	Stainless Steel Aisi 304			
Internal Tanks	1 for clean water + 1 for used water			
Tanks volume	3 lts + 3 lts			
Front water loading	plug-in connections in the service panel			
External water loading	rear connections for demineralizer and water discharge			
Requested water quality	Deminelralized			
Water quality control	integrated water conductivity sensor			
Nr. of trays	Standard 4 • Extra 5			
Trays material	Stainless Steel Aisi304			
Tray approx. dimensions (LxWxH)	380 mm x 190 mm x 20 mm		280 mm x 180 mm x 20 mm	
Number of sterilization cycle	4 cycles with 4 drying mode			
Sterilization tempereatures	121°C-134°C			
Test Cycles	Helix, Bowie & Dick, Airleakage			
Integrated USB pen drive	USB 2.0 -1GByte			
Printer	Separated optional printer	Standard Integrated printer	Separated optional printer	Standard Integrated printer
Connection for external printer art.2181	Standard RS-232 port	No external connection	Standard RS-232 port	No external connection
Display	5.7 “ LCD touch screen display			
Temperature sensors	3 PT1000 temperature sensors			
Pressure sensor	1 absolute pressure transducer			
Voltage	AC 230V			
Frequency	50/60 Hz			
Power	2050 W			
Net Weight	56 Kg		54 Kg	
Export packaging (single)	wooden pallet : 68x53x56 Cm - gross weight: 63Kg			



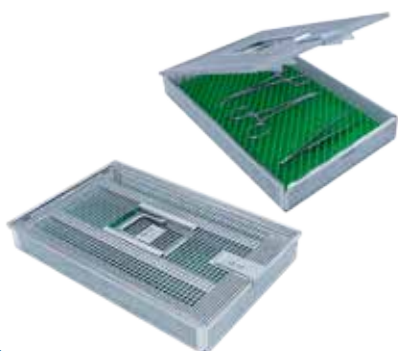
Ask for **System for sterilization services** catalogue  
You will find interesting **packaging solutions** like the following examples!!



**CBM** offers You interesting **packaging solutions** for your daily sterilization procedures.

**SST Sterilizers** can be used with our “**Small set containers**” already equipped with PTFE filters . This solution assures you **2000 sterilization cycles without disposable materials**.

Article	Dimensions (LxWxH) mm	Nr.Filters
395F+PTFE	285x185x65	1 (Lid)
395F2+PTFE	285x185x65	2 (Lid+Body)



**CBM** also offers You interesting **protection devices** for your precious instruments.

“**Small set baskets**” can be used inside “Small set containers”.

“Small set baskets” are equipped with **sterilizable silicone “flexy-mat”** and “**soft lips**” system.

Article	Dimensions (LxWxH) mm	Lips
77T	270x170x35	Crosswise
77TH	270x170x35	Lenghtwise



**C.B.M. S.r.l**  
**Medical Equipment**

26038 Torre de' Picenardi (CR) Italy - Via Castello 10/A  
Tel. +39 (0) 375 39 40 95 - Fax. +39 (0) 375 39 40 98  
E-Mail: [info@cbm-srl.com](mailto:info@cbm-srl.com) [Http:// www.cbm-srl.com](http://www.cbm-srl.com)