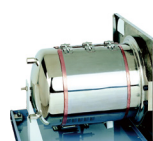
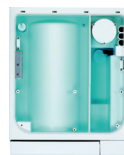


# STATE OF THE ART TECHNOLOGY

Simplicity & Innovation & Practicality



## THERMAL PAPER PRINTER

Novo B+ Steam sterilizer offers the possibility of recording sterilization process executed completely, and with thermal paper printer connector on the back of machine.

Option.

## SD/USB READER BOX

Novo B+ Steam sterilizer offers printer connector which could be connected with JOIDENT SD/USB reader box, to copy and save the sterilization process into SD/USB disk, Save and printing by company.

Option.

## EASY TO USE

Simply and practical panel design, to let you easy to use and understand and assure efficient sterilization process management.

## CLASSIC DESIGN

In conformity with EN13060 standard with opening water tank on the top which is convenient to clean.

## HIGH EFFICIENT

Round hearing ring to assure chamber inside's temperature to be balance completely, Guarantying perfect sterilization process.

**NOVO B+**  
It's time to refresh your clinic.



# THE INTRODUCTION OF STERILIZATION CYCLE

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## HOW TO CHOOSE THE CORRECT STERILIZATION CYCLE?

The European Standard 13060 for small sterilizers describes the three methods of sterilization cycles:B,S and N.

Steam sterilizer with B cycles must meet the most stringent requirements.They work with a fractionated pre–vacuum and their capacity can be compared to that of large hospital steam sterilizer.

The medical practice operator stipulates in the risk analysis and specification of the preparation steps which method is applied to prepare the instruments used.

In practices which do not use narrow–bore and simultaneously long hollow–bodied instruments, a "Class S" steam sterilizer can be the right alternative to the " Class B" steam sterilizer. "Class S" steam sterilizer do not operate with a fractionated vacuum, but with a simple pre– and post–vacuum.

Steam sterilizer which only offer "Class N" cycles are not suited for sterilizing wrapped instruments.



### - B CYCLE :

– B cycle: solid instruments, A–type hollow instruments (e.g. aspirator tips, handpieces), B–type hollow instruments (e.g. glass, surgical cups), porous material, thermoplastic material, placed in a pouch or loose.



### - S CYCLE :

B–type hollow instruments, both loose and placed in a pouch (e.g. handpieces, resistant thermoplastic items or ferrous material)



### - N CYCLE :

Solid instruments that do not need to be placed in a pouch (e.g. mirrors, probes)

# THE TEST PROGRAMS OF JOIDENT'S STEAM STERILIZER

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### VACUUM TEST :

Verifies that the vacuum necessary for the steam sterilizer to correctly carry out the sterilization process is reached and maintained.



### BOWIE & DICK TEST :

Verifies steam penetration into porous bodies. It consists of a pack of porous material (paper) with a reactant inside that changes colour if reached by the sterilizing agent (steam), giving the test result. The pack must be positioned inside the empty sterilization chamber, in the centre of the heater. It makes it possible to understand if porous loads are being sterilized correctly.



### HELIX TEST :

Verifies steam penetration into hollow bodies. It consists of a small Teflon tube with a bulb at the end called “capsule” that contains a chemical agent. The instrument should be placed inside the empty sterilization chamber, in the centre of the heater. The chemical agent, if reached by the sterilizing agent (steam), changes colour, giving the test results.

It is evident that choosing an autoclave that carries out B–type cycles means that a higher variety of instruments can be sterilized in a single piece of equipment

NOVO B+

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PRODUCT DATA



Electronic control	Microprocessor
Programs	8
Test method	3
Cycle recording	Yes
Steel chamber	AISI 304
Temperature sensors in chamber	1
Vacuum pump	Dual head
Water pump	1 UKAL water pump
Tank sensor	2, used water sensor & distilled water sensor
Safety feature	Electric-Mechanical dual interlock, Mechanical safety valve, alarms when door opened, Water level control, over heating control, over pressure protection, error messages viewed on the display
Alarm indications	10
Conformity	MDD 93/42/EEC PED 97/23/EC EN 13060 EN 61010-1 EN 61010-2-040 EN 61326-1

Item Nr.	Power (W)	Chamber dimension (mm)	Unit dimension (mm)	Packing dimension (mm)	Weight (Kgs)
Novo B+ 23	1700	23L= Φ 245x470	670x450x400	770x525x495	53
Novo B+ 18	1500	18L= Φ 245x360	560x450x400	660x525x495	47
Novo B+ 15	1500	15L= Φ 245x310	560x450x400	660x525x495	45
Novo B+ 12	1400	12L= Φ 192x340	560x450x400	660x525x495	43

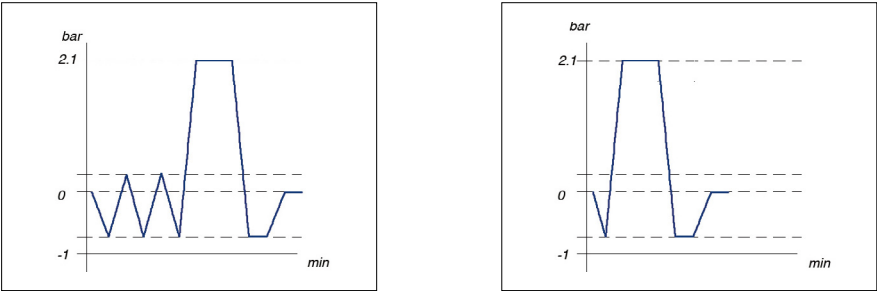




# NOVO B+ PROGRAMS

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## 134°C PROGRAM

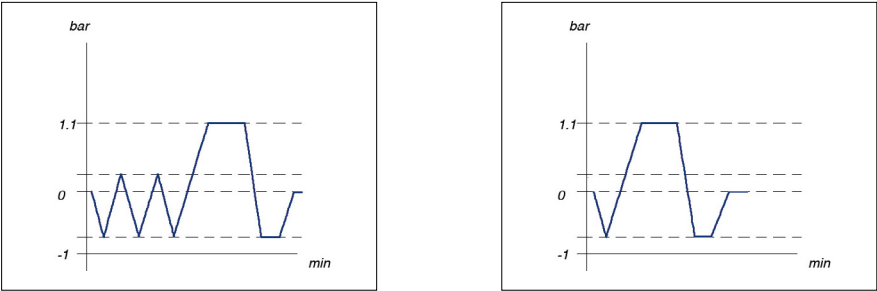


### CLASS B

Program	Temperature	Pressure	Pre-Vacuum	Sterilization time	Drying time
	134 °C	2.1 Bar	1	5 mins	18 mins
	134 °C	2.1 Bar	3	5 mins	18 mins
	134 °C	2.1 Bar	3	10 mins	18 mins
	134 °C	2.1 Bar	1	5 mins	9 mins

### CLASS S

## 121°C PROGRAM



### CLASS B

Program	Temperature	Pressure	Pre-Vacuum	Sterilization time	Drying time
	121 °C	1.1 Bar	1	20 mins	18 mins
	121 °C	1.1 Bar	3	20 mins	18 mins
	121 °C	1.1 Bar	3	20 mins	18 mins
	121 °C	1.1 Bar	1	20 mins	18 mins

### CLASS S

# AUTOCLAVABLE ACCESSORIES

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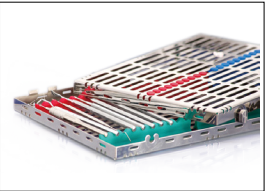
Basic basket and support– for surgical instruments used in the operating room.



**B1**  
Basic basket, steel wire tray,  
E.g: order items Nr. B1 + 23L.



**B2**  
Basic support, steel wire  
holder, E.g: order items Nr. B2  
+ 23L.



**C1**  
Instruments management  
assistant.  
E.g: mirrors, probes etc.  
  
Size: 205x140x32 mm  
Weight: 455 g  
  
Option.



**C2**  
Instruments management  
assistant.  
E.g: mirrors, probes etc.  
  
Size: 180x125x20 mm  
Weight: 340 g  
  
Option.