

dx

Dental X ...The sterilization company

Class B  
EN13060

Axyia Plus B  
the sterilization for the professional



## AXYIA PLUS B

## the Class B sterilization

In line with market trends and the requirement for ever more efficient sterilising systems Dental X is happy to present its new Axyia Plus B model.

The Axyia Plus B is a class B autoclave with vacuum pump and advanced system for controlled sterilisation. In accordance with European standard EN13060 the Axyia Plus B can be used to sterilise loose and packaged surgical instruments including dynamic instruments (drills and hand pieces) as well as woven materials.

The new Axyia Plus B autoclave combines compact design with thirty years of experience matured in the medical and dentistry sector (Domina Plus line) and requirements for cost containment.

Technical characteristics and the use of the most advanced technology ensure that the Axyia Plus B autoclave guarantees excellent features and maximum reliability.

**Completely automated:** Axyia Plus B has 7 automatic programmes and one free programme, with an automatic breakdown diagnostics programme, night cycle, automatic switch off, sterilising and maintenance cycle counter and other functions.

**Cooling system:** The cooling system is extremely important in order to guarantee reliability and service. The Axyia systems use a wide radiator and double fan inside the autoclave.



**Process Evaluation Control** thanks to an advanced microprocessor Axyia keep under crossed control both parameters: pressure and temperature and offer a high quality saturated steam

**Stainless steel.** The machine has been completely manufactured in stainless steel. The steel brings a medical design to the autoclave and gives it a solid and long-lasting aspect.

## Dental X ...committed to quality and innovation

**Vacuum pump:** The pump has been designed to work in the presence of steam and consequently guarantees excellent service in all working conditions

**Fractionated vacuum:** a powerful pump allows fractionated vacuum before sterilisation and ensures positive results for the Helix Test. The pump also gives forced ventilation during drying.

**Steel chamber:** The chamber is moulded and has no welding to guarantee safety and maximum reliability.

**Designed for the sterilisation of delicate surgical instruments:** This combination of technical features allows sterilisation of all instruments without early deterioration.

**Ventilated drying:** Pump action for the vacuum during drying allows acceleration of the drying process.

**Traceability:** an external PC socket allows connection to a USB device to allow sterilisation cycle traceability in accordance with the EN 554 standard.

**Computer connection:** The computer connection allows guaranteed traceability and more efficient and time saving management of the whole sterilisation process, simplifying technical assistance interventions.

**Water quality control:** Autoclaves have been provided with a water quality control system to prevent the formation of calcium deposits inside the circuit.

**Connection to the water grid:** The new tanks have been designed to connect directly to the drainage system.

**Protection filters:** to prevent residues present in the chamber from 'contaminating' the internal hydraulic system of the autoclave all supply and discharge lines have been protected by filters which are easily accessible and can be cleaned directly by operators without the need for the intervention of external technical personnel.



Thanks to the most advanced technologies the micro processor can be upgraded by internet and part of the service can be performed by telephone or internet as well



### Axyia Plus S

The S model is very similar to the B one from which differ particularly in the air exhausting system.

Instead to use a vacuum pump, the air expulsion is performed by a thermodynamic system controlled by the microprocessor according with the process evaluation control.

Such system correctly applied, permit to reach a very deep vacuum silently and rapidly.

The thermodynamic system is simpler and more reliable but require more knowledge by the operator

The S model is equipped with a drying pump in order to speed up and improve the drying in a close environment.

If traciability is not requested we recomend the models Axyia 6 with a smaller 6 l chamber and Axyia 15 with a chamber of 15l



Technical features:	Axyia B	Axyia S
	Chamber in stainless steel	15 L
Chamber size	Ø 240 x D. 320 mm	
external dimensions:	W. 450 x H. 435 x D. 600 mm	
Cabinet depth requested	550 mm	
Supply voltage:	230V - 50Hz	
Power consumption average:	900 W	
Power consumption Max:	1.300 W	
Net Weight:	49 Kg	38 Kg
EN 13060 Compliance	Class B	Class S
Process Evaluation Control	■	■
Vacuum Pump 2, 3 e 4 phases	Fractionated vacuum	Thermodynamic
Drying pump	■	■
Night cycle	■	■
Auto diagnosis & troubleshooting	■	■
Automatic Programs	7+1	3+1
Volumetric doser	■	■
Drain connection	■	■
Preheating	■	■
Water quality control	■	■
Double fan	■	■
PC Connection	■	■
USB log (optional)	■	■
Cycles counter	■	■
Protection filters accessible	■	■
Bowie & Dik test	■	■
Helix test	■	■
Vacuum test	■	■
Warranty 2 years or 2000 cycles	■	■

Technical features

**Accessories:**

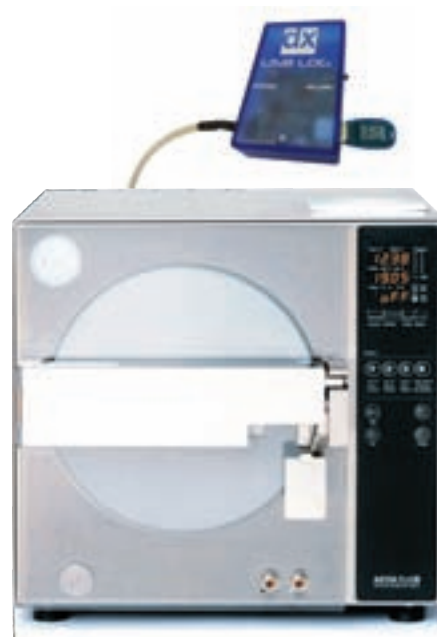
**Thermosealer Newseal**  
designed to wrap and seal instruments before the sterilization in compliance with the new standards



**Deminerlizer DX 420**  
Water producer for the practice



**USB Log**  
USB Flash Drive Traceability System



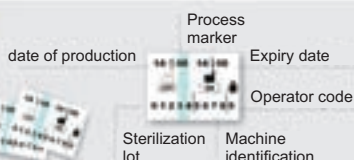
Axyia B	Programs	Parameters	Indication	
	1	STERILIZATION 1	134 °C 5 min	For every load that could be submitted to 134 °C (helix test) (Hollow A & B)
2	STERILIZATION 2	121 °C 20 min	For every load that could be submitted to 121 °C (helix test) (Hollow A & B)	B
3	FLASH	134 °C 3 min	For sterilization of all unwrapped surgical instrument	S
4	S1 Disinfection	105 °C 8 min	For disinfection	
	S2 Critical loads	134 °C 5 min	For special loads	B
	S3 Critical loads	121 °C 20 min	For special loads	B
	S4 BSE	135 °C 10 min	For Creutzfeldt Jacob disease	B
	S5	Set by operator		
	Bowie & Dick	134 °C 3,5 min		
	Vacuum test	20 min		

Axyia S	Programs	Parameters	Indication	
	1	UNWRAPPED	134 °C 4 min	For all unwrapped instruments
2	WRAPPED	134 °C 15 min	For all wrapped instruments (Hollow A)	S
3	PACKS	121 °C 30 min	For surgical packs and tissue	S
4	SPECIAL	set by operator		



**Labeller**  
it permit to mark each envelopps in order to perform a perfect traceability



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