



dxp

Dental  
experience  
gets  
dynamic



DXP is the NSK brand specialised in sterilization. The natural evolution of over 40 years of experience boasted by Dental X, DXP has inherited its solid technical and design expertise and brought a fresh, dynamic style to it. Its products are known and renowned worldwide for their reliability, efficiency and ability to tune into the needs of the new professionals in the dental and medical sector.

DXP was established with a clear vision: aspiring to build on the excellent results of safe and high-performance devices, such as the DXP Domina autoclave and the DXP NewSeal thermosealer, a community of professionals naturally inclined to seek and to appreciate the dimension of technology that is user-friendly, creative and aspires to customise their working environment.

**Dental experience gets dynamic. So, why don't you?**

**DXP DOMINA**



#### **RELIABLE AND AFFORDABLE**

DXP Domina has been designed based on the essential functions, that a modern autoclave must be able to offer professionals and their team. This is clear from the moment you observe its elegant, compact design. Able to guarantee class B and class S sterilization cycles with impressive flexibility, it's only through time that all this autoclave's qualities really become evident, however. The most important of these is reliability, because DXP Domina is extremely robust, and the prime-quality materials and selected components reduce maintenance and therefore costs to a minimum.

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## EFFECTIVE AND GENTLE

DXP Domina's task is clear and precise: to guarantee effective, gentle sterilization, allowing the operator to work comfortably and with no concerns. This result is achieved thanks to a number of technical solutions able to guarantee both quality and quantity: the spacious copper chamber ensures excellent load capacity, rapid and uniform heating, while the Adaptive Heat system eliminates temperature fluctuations, making it possible to sterilize even the most sensitive instruments, such as air turbines and handpieces, reducing the risk of damaging them to a minimum. And there's more: DXP Domina does all this with a noise level of just 53 db – and as we know, to work in comfort, silence is important too.



**DXP DOMINA**

**ECO-FRIENDLY** **SAFE** **RELIABLE**



**AFFORDABLE** **GENTLE** **EFFECTIVE**

#### **SAFE AND ECO-FRIENDLY**

One of the qualities that has made DXP Domina a benchmark for years in the sterilization sector, known and chosen by so many dentists worldwide, is its ability to combine performance with another fundamental, practical aspect: safety. Safety in the management of the autoclave, thanks to the bacteriological filter, the practical cap for filling the tank and the clean/dirty water tap, and safety in the post-sterilization cycle process, thanks to the integrated printer and optional Wi-Fi kit, which makes it possible to trace and file data quickly, easily and in full compliance with the regulations in force.

Another aspect that makes DXP Domina a convincing choice for the new generations of professionals is its ability to offer a practical, sustainable, eco-friendly solution, thanks to its impressive energy efficiency and the fact that it consumes just 530 ml of water to carry out a sterilization cycle.



**STERILIZATION CYCLES**

Cycle	Temperature	Sterilization	Drying	Vacuum	Type of Cycle	Maximum
B134	134° C	5'	10'	3	B	4 kg solid 1.5 kg porous
B121	121° C	20'	11'	3	B	4 kg solid 1.5 kg porous
S134	134° C	3'	5'	2	S	4 kg solid
CUSTOM	105-135° C	3'-9'	5'-12'	2-3-4		4 kg solid 1.5 kg porous
HELIX TEST	134° C	3'30"	10'	3	TEST	
B&D TEST	134° C	3'30"	10'	3	TEST	
VACUUM TEST	< 35° C			3	TEST	

**TECHNICAL CHARACTERISTICS**

<b>DXP DOMINA - 18 L</b>	
OVERALL DIMENSIONS	447 x 438 x 625 mm (L x H xD)
CHAMBER DIMENSIONS	Ø 240 - 384 mm (D)
CHAMBER VOLUME	17,5 L
WEIGHT (empty)	45 kg
POWER SUPPLY VOLTAGE	230 V 50/60 Hz
CONSUMPTION (power)	900 W - 1920 W
OPERATING TEMPERATURE	+10 - +40°C
OPERATING ALTITUDE (leaving the loading cap free)	up to 2000 m a.s.l.
OPERATING RANGE	Indoor use Relative humidity 85% Max. mains voltage variation ±10% Installation category II Pollution level 2
VOLUME OF WATER CONSUMED	0,6 litres
TANK CAPACITY (clean water and used water)	4 litres each
AUTOMATIC SWITCH-OFF	After 30' on standby at the end of the cycle

**SAFETY DEVICES**

- Protection from electricity blackout
- Protection from short-circuit
- Protection from overheating
- Protection from overpressure
- Protection from accidental door opening
- Process evaluation system
- Real-time autodiagnosis system
- Adaptive Heat System
- Automatic switch-off system

**CERTIFICATIONS**

- Autoclave compliant with Directive 93/42/ CEE as amended
- Class II B Device - Chamber compliant with Directive 2014/68/UE
- Company: ISO 9001- ISO 13485

**MAIN COMPLIANCES WITH INTERNATIONAL STANDARDS**

- EN 13060
- IEC 61010-1
- IEC 61010-2-040
- IEC 61326-1
- EN 13445

**TECHNICAL DATA SHEET**

