

COMINOX STERILCLAVE RANGE



COMINOX®
PURE STERILIZATION


Cominox S.r.l.

Via G. Viganò, 7 - 20841 Carate B.za (MB) ITALY
Tel. +39 0362 912312 - Fax +39 0362 900940
www.cominox.it - contact@cominox.it

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COMINOX®
PURE STERILIZATION



SterilClave® range meets all the professional sterilization requirements: various models with different load capacity, equipped with **advanced technology**, pursuant to the latest technical and regulatory standards and produced thanks to **Cominox experience**, producer for over 25 years.

Cominox SterilClave allows the user to perform **sterilization procedures** on all types of instruments, solid, hollow or porous, wrapped or not, by means of cycles which use the fractionated vacuum pulsations controlled by the electronic evaluation system.

The **large display** allows easy and immediate use. The cycles **traceability** is guaranteed by the electronic control and by various ancillary equipments in order to ensure maximum safety during the sterilization phase.

The wide range of models includes the class S autoclaves, in version 6, 18, 24, which are equipped with Cominox **vacuum thermodynamic** technology; class B cycles are provided by a series of models, version 18 and 24, extremely versatile and equipped with a pump aimed at creating **fractioned vacuum**.



SterilClave range:

SterilClave 6/18/24 S Dynamica

Without vacuum pump runs cycles S and N. Sterilizes all types of loading except type A loads.

SterilClave 18/24 B

Standard autoclave for every need, performs cycles of Class B, S and N, sterilizing all types of loading.

SterilClave 18/24 BHD

SterilClave running cycles of class B, S and N to sterilize all types of loading, with automatic self-charge of water from external tank or by a demineralization system.

The water quality is assured by a system of conductivity monitoring, standard on all BHD models.

STERILCLAVE® 18/24



Cominox SterilClave® can be easily used thanks to the **wide display**, which shows and allows to check all the current cycle data. The new **VLS** (Vacuum Locking System) ensures a simple locking by a light hand pressure.

After the cycles with 19 process controls are carried out, their traceability is a certainty thanks to the “smart” memory of the autoclave cycle. The related data can be extracted by means of USB disk or by means of the integrated printer.



VLS
Vacuum
Locking
System

PATENT PENDING

	M.U.	18 / 24 B-BHD	6 / 18 / 24 S Dynamica
Sterilization cycles			
121 UNWRAPPED		type N	type N
134 UNWRAPPED		type N	type N
134 WRAPPED		type S1	type S1
121 HOLLOW/POROUS		type B	type S2
134 HOLLOW/POROUS		type B	type S2
134 PRIONS		type B	type S2
Total maximum load weight			
Unwrapped solid loads	kg	5 / 7,5	2,6 / 5 / 7,5
Wrapped solid loads	kg	3 / 4	1 / 1,5 / 4
Wrapped or unwrapped hollow loads	kg	2,5 / 3,7	1 / 1 / 3,7
Porous loads	kg	1,5 / 2,2	0,2 / 0,5 / 1,5
Trays included		3	2 / 3 / 3

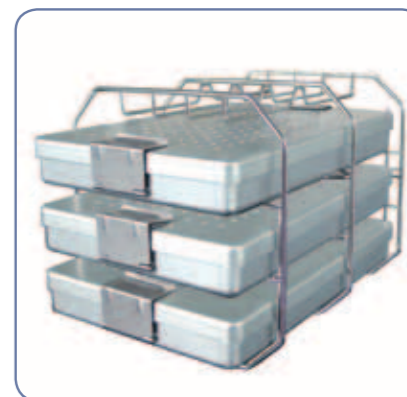
**Sterilization chamber:
10 years warranty**

STERILCLAVE® 18/24



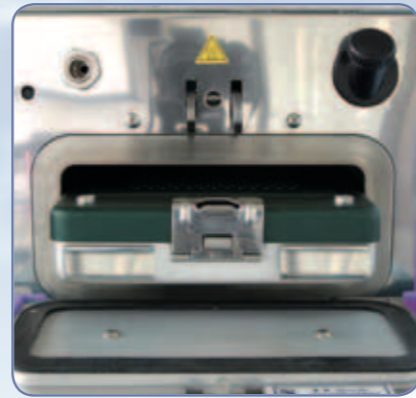
Cominox® autoclaves have been projected for facing **binding tasks**: SterilClaves can contain up to **5 big trays** (18 lt.: 180 x 280mm - 24 lt: 180x380mm) or as an alternative up to **3 NORM TYPE cassettes** (310 x 190 x 40mm). All SterilClave models are equipped with “clean” and “dirty” water inspection tank. They are made of resistant **AISI 304 steel**, which ensures the highest level of internal hygiene and durability.

	U.M.	18 / 24 B-BHD	6 / 18 / 24 S Dynamica
Chamber capacity	l	17,15 23,15	4,8 17,15 23,15
Clean water tank capacity	l	2,1 3,1	2,1 2,1 3,1
Used water recycling tank capacity	l	2,1 3,1	-
Water consumption per cycle (minimum - maximum)	cm³	210 - 700 420 - 1190	150 - 250 370 - 590 420 - 1190
Electrical voltage and frequency	V - Hz	230 - 50 (single - phase AC)	230 - 50 (single - phase AC)
Maximum allowed voltage fluctuations	%	±10	±10
Absorbed maximum power	W	2000 2800	1000 2000 2800
Detected noise level in work areas under suitable conditions (medium - peak)	dB(A) - dB(C)	55,7 - 62,7 56 - 63	55,7 - 62,7 55,7 - 62,7 56 - 63
Overall dimensions W x H x D	mm	445 x 390 x 640 445 x 470 x 700	385 x 370 x 535 445 x 390 x 640 445 x 470 x 700
Housing dimensions W x H x D	mm	450 x 395 x 560 450 x 475 x 620	390 x 375 x 505 450 X 395 X 560 450 X 475 X 620
Unit depth with door open	mm	880 940	690 880 940
Usable space dimensions W x H x D	mm	185 x 150 x 285 185 x 150 x 420	185 x 100 x 285 185 x 150 x 285 185 x 150 x 420
Weight (mass)	kg	51 68	38 48,7 62



24 months warranty

STERILCLAVE® 6 S Dynamica



ACCESSORIES

Safety is a vital concept according to Cominox®. The technological innovation and high quality are normally applied to equipments for **water treatment** and **traceability**.

DISCOM
water distiller



SPEEDYWATER
demineralizer



OSMYWATER
reverse osmosis demineralizer



STERILABEL
labels/barcode printer



COMINOXREADER
data transfer on PC



COMINOXWIZARD
SterilClave-PC connection



SterilClave® 6 S Dynamica is compact, but at the same time has a great loading capacity, containing 2 big trays (180x280mm). It is equipped with a **push-button opening**. The user can choose the demineralized **water supply** type. The easiest way is the direct manual loading, but the external tank or water net loading can be carried out, too (standard on BHD model). This last system must be connected to the COMINOX® direct water demineralization devices: Speedywater and Osmywater.

STERILCLAVE®.

A RANGE FOR ALL THE DEMANDS OF SPACE AND FUNCTION.

Cominox® autoclaves are the result of more than 25 years of experience in the sterilization area. Every device is produced pursuant to **EN 13060** standard and ensures high quality performances.

The different types of **SterilClave®** and their equipments can easily meet users' requirements.

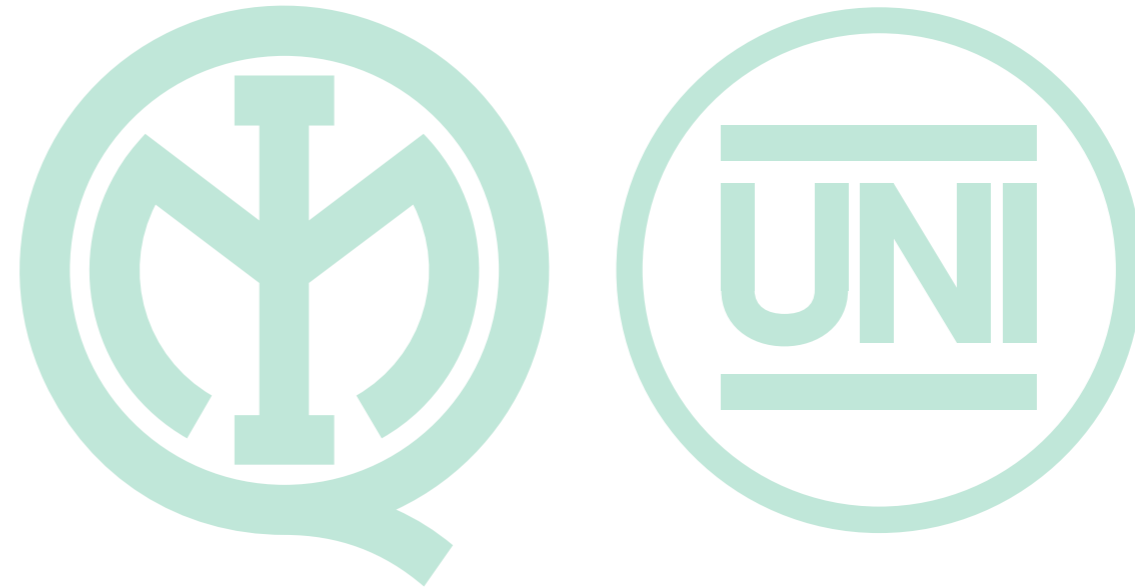
	Water Treatment		Traceability		
	Automatic charge/ Direct drain	SPEEDYWATER or OSMYWATER associated demineralizer	built-in data printer	CominoxReader with USB	label/barcode printer SteriLabel
SterilClave 18 B	○	○	● PRINT VERSION	● USB VERSION	○
SterilClave 24 B	○	○	● PRINT VERSION	● USB VERSION	○
SterilClave 18 BHD	●	○	● PRINT VERSION	● USB VERSION	○
SterilClave 24 BHD	●	○	● PRINT VERSION	● USB VERSION	○
SterilClave 6 S Dynamica	● direct drain ○ automatic charge	○	● PRINT VERSION	—	○
SterilClave 18 S Dynamica	● direct drain ○ automatic charge	○	● PRINT VERSION	—	○
SterilClave 24 S Dynamica	● direct drain ○ automatic charge	○	● PRINT VERSION	—	○

● standard ○ optional — not available

IMQ UNI MARK.

Participation in the activities of the regulatory agencies that define the quality and safety standards in the sector does not exhaust Cominox's commitment to the search for the highest quality. In addition to keeping constantly and consistently up-to-date with respect to set standards, the company has conducted and continues to conduct research and development that places it at the avant-garde in the field of certifications.

This is proven by the fact that COMINOX has been the first company to obtain the **UNI IMQ MARK** on their steam sterilizers in accordance with **EN 13060**.



DIRECTIVES

97/23/CE Pressure equipment
93/42/CEE Medical devices (class IIb)
89/336/CEE Electromagnetic compatibility (and subsequent updates)
73/23/CEE Low voltage (and subsequent updates)

STANDARDS

EN 13060 Small steam sterilizers
EN 61010-1 Safety regulations for laboratory devices - Part 1: General regulations
EN 61010-2-040 Safety regulations specific to sterilizers used in the processing of medical material
EN 61326-1 Electromagnetic compatibility regulations for laboratory devices

