

Newmed



INFECTION CONTROL,
our responsibility!

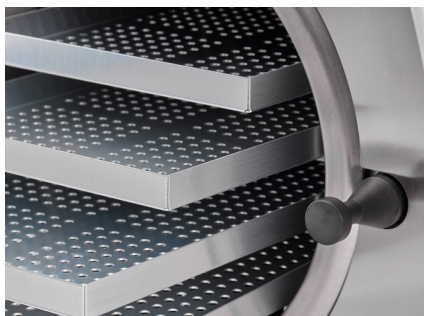
PRODUCT CATALOG



NEWMED TABLETOP STERILIZERS

- **SHORTER CYCLES, LONGER LIFE:**
our validated and quicker programs ensure long life to your sterilizer.
- **PERFECT FOR YOUR NEEDS:**
chambers contain 6, 18, 23 or 60 litres and are made of thick one-piece moulded AISI 304 steel and AISI 316 for 60 L.
- **TROUBLE FREE:**
intelligent self-checking system alerts about maintenance needs.
- **EFFICIENT:**
more than 10 pre-set validated sterilizations programs.
- **SAFE:**
multiple sensors check working parameters adapting cycle times to internal and external conditions.
- **ACCURATE:**
the integrated water quality sensor constantly monitors the water quality. Only good quality water ensures a perfect sterilization and long life for your instruments and autoclave.
- **SIMPLE:**
easy to use by everyone, easy to service





VSL - VACUUM SAFETY LOCKING:

door locking is motor operated and the chamber is vacuum-sealed right after. VLS technology guarantees total safety, greater ease of handling and reliable self regulation of the hatch.



WATER PURIFICATION SYSTEM:

with built-in **ROSI** (ROSI TECHNOLOGY), tri-cartridge water purification system, your autoclave can be connected directly to your practice water supply, always ensuring good water to your sterilization process (optional).



WATER QUALITY SENSOR:

our sterilizers are additionally protected by the inclusion of a water quality sensor, as standard. The quality of the water is therefore constantly monitored. The display informs the user whether water used for sterilization is good.



USB PORT:

automatic digital cycle recording on USB stick can be downloaded on your PC using our proprietary software (optional).



MULTILINGUAL & USER-FRIENDLY INTERFACE:

just four buttons keypad for simpler navigation to all sterilization options. The LCD display shows current information about your sterilization cycles and alerts on errors or service needs.



BUILT-IN THERMAL PRINTER:

an automatic print-out records the entire procedure, thereby providing a permanent record of every sterilization cycle. The paper printout can then be kept and attached to your files for a complete and accurate record.



KRONOS 6 L

Sterilisation Table

	KRONOS B6		KRONOS S6			
DISPLAYED #, TEMPERATURE AND NAME	TYPE	TOTAL TIME	TYPE	TOTAL TIME	STERIZABLE LOAD <i>Load in (..) is sterilizable only in B-Class</i>	WRAPPED/ OPEN
HELIX - B&D TEST	TEST	19'	TEST	35' B&D only	N/A	✗
VACUUM TEST		15'		15'		✗
121 °C HOLLOW WRAPPED	B	31'	S	45'	Solid Small porous Simple hollow Narrow lumen Multiple casing	✓
134 °C HOLLOW WRAPPED		22'		35'		✓
121 °C HOLLOW OPEN		27'	NOT PRESENT		Solid Small porous Simple hollow	✗
134 °C HOLLOW OPEN		14'				✗
134 °C PRION		34'			Load related to Creutzfeldt-Jakob disease	✓
121 °C POROUS		38'	S	50'	Small sized porous + (Full porous)	✗
134 °C POROUS		30'		40'		✓
121 °C SOLIDS OPEN	S	21'	NOT PRESENT		Solid Simple hollow	✗
134 °C SOLIDS OPEN		12'				✗
134 °C SOLIDS WRAPPED		12'			Solid Simple hollow	✓
134 °C RAPID	NOT PRESENT		S	32'	Solid	✗

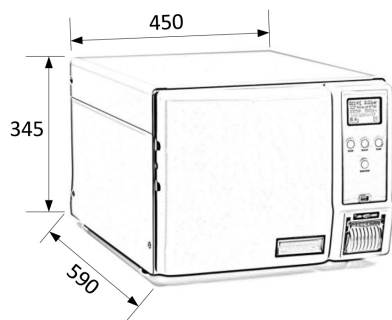
WEIGHT	Solids wrapped: 1 kg unwrapped: 1.8 kg Porous: 0.5 kg	Solids wrapped: 1 kg unwrapped: 1.8 kg Porous: 0.5 kg
--------	--	--

NOTE: Narrow lumen is an item open on one side with length equal to 5 times (or more) the diameter.
Times are calculated in conditions of pre-warmed chamber.



NEWMED KRONOS STERILIZERS ARE SUPPLIED WITH:

TRAYS HOLDER | TRAYS | LOADING AND DISCHARGE TUBES | CLEANING SPONGE | TRAYS REMOVAL HANDLE



6 L

TECHNICAL DATA



KRONOS B6

KRONOS B6	KRONOS S6	
fractionated	pre and post vacuum	TYPE OF VACUUM
✓	-	INTEGRATED STEAM GENERATOR
Bowie&Dick Helix Vacuum	Bowie&Dick Vacuum	TEST PROGRAMS
✓		BUILT-IN PRINTER
		M.T.S MEMORY TEST SYSTEM
		WATER QUALITY SENSOR
		CONNECTION TO DATA LOGGER
optional		INTERNAL USB DATA LOGGER
450Wx590Dx345H mm		OVERALL MEASURES
ø170 x 265 mm		CHAMBER SIZE
nr. 3 aluminium trays: 1 tray 150Wx240Dx19H mm 2 trays 115Wx240Dx19H mm		TRAY MATERIAL AND SIZES
230V ± 10%		SUPPLY VOLTAGE
50-60 Hz		MAINS FREQUENCY
2500 W	1500 W	RATED POWER

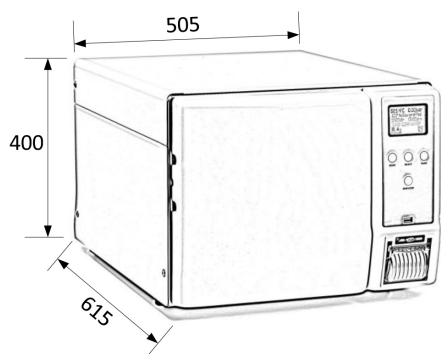
KRONOS 18 L

Sterilisation Table

	KRONOS B18		KRONOS S18		KRONOS N18			
DISPLAYED #, TEMPERATURE AND NAME	TYPE	TOTAL TIME	TYPE	TOTAL TIME	TYPE	TOTAL TIME	STERIZABLE LOAD <i>Load in (..) is sterilizable only in B-Class</i>	WRAPPED/ OPEN
HELIX - B&D TEST	TEST	25'	TEST	28' B&D only	NOT PRESENT		N/A	✗
VACUUM TEST		15'		15'				✗
121 °C HOLLOW WRAPPED	B	40'	S	48'			Solid Small porous Simple hollow + (Narrow lumen) (Multiple casing)	✓
134 °C HOLLOW WRAPPED		29'		37'				✓
121 °C SOLIDS WRAPPED	S	37'		45'			Solid + (Small porous) (Simple hollow)	✓
134 °C SOLIDS WRAPPED		25'		34'				✓
134 °C PRION	B	44'		52'	N	45'	Load related to Creutzfeldt-Jakob disease	✓ / ✗ (B-S18/N18)
121 °C POROUS		50'		58'	NOT PRESENT		Small sized porous + (Full porous)	✓
134 °C POROUS		40'		48'				✓
121 °C RAPID	S	31'		39'	N	33'	Solid + (Small porous) (Simple hollow)	✗
134 °C RAPID		20'		28'		23'		✗
134 °C HOLLOW OPEN	B	26'		34'	NOT PRESENT		Solid Simple hollow + (Narrow lumen)	✗
121 °C SOLIDS OPEN	NOT PRESENT		NOT PRESENT		N	43'	Solid	✗
134 °C SOLIDS OPEN						31'		✗

WEIGHT	Solids wrapped: 2.5 kg unwrapped: 4 kg Porous: 1 kg	Solids wrapped: 1 kg unwrapped: 2.5 kg Porous: 0.5 kg	Solids using RAPID: 1.5 kg others: 3 kg
--------	--	--	---

NOTE: Narrow lumen is an item open on one side with length equal to 5 times (or more) the diameter.
Times are calculated in conditions of pre-warmed chamber.



18 L

TECHNICAL DATA



Kronos B

KRONOS B18

KRONOS B18	KRONOS S18	KRONOS N18	
fractionated	pre and post vacuum	no vacuum	TYPE OF VACUUM
✓			INTEGRATED STEAM GENERATOR
			BUILT-IN PRINTER
			M.T.S MEMORY TEST SYSTEM
			WATER QUALITY SENSOR
			CONNECTION TO EXTERNAL DATA LOGGER
optional			INTERNAL USB DATA LOGGER
			INTEGRATED WATER PURIFICATION SYSTEM "ROSI"
505Wx615Dx400H mm			OVERALL MEASURES
ø236x381,5 mm			CHAMBER SIZE
nr. 4 aluminium trays: 185Wx285Dx18H mm			TRAY MATERIAL AND SIZES
230 V ± 10%			SUPPLY VOLTAGE
50-60 Hz			MAINS FREQUENCY
2400 W			RATED POWER

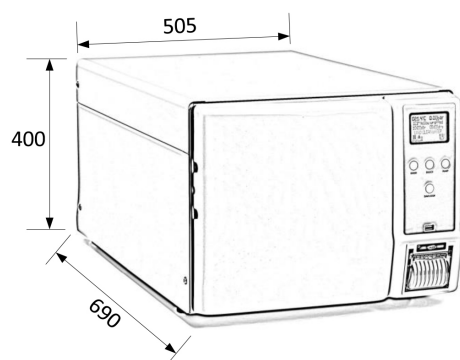
KRONOS 23 L

Sterilisation Table

	KRONOS B23		KRONOS S23		KRONOS N23			
DISPLAYED #, TEMPERATURE AND NAME	TYPE	TOTAL TIME	TYPE	TOTAL TIME	TYPE	TOTAL TIME	STERIZABLE LOAD <i>Load in (..) is sterilizable only in B-Class</i>	WRAPPED/ OPEN
HELIX - B&D TEST	TEST	35'	TEST	38' B&D only	NOT PRESENT		N/A	✗
VACUUM TEST		15'		15'				✗
121 °C HOLLOW WRAPPED	B	50'	S	58'			Solid Small porous Simple hollow + (Narrow lumen) (Multiple casing)	✓
134 °C HOLLOW WRAPPED		39'		47'				✓
121 °C SOLIDS WRAPPED	S	47'		55'			Solid + (Small porous) (Simple hollow)	✓
134 °C SOLIDS WRAPPED		35'		44'				✓
134 °C PRION	B	54'		52'	N	55'	Load related to Creutzfeldt-Jakob disease	✓ / ✗ (B-S23/N23)
121 °C POROUS		60'		68'	NOT PRESENT		Small sized porous + (Full porous)	✓
134 °C POROUS		50'		58'				✓
121 °C RAPID	S	41'		49'	N	43'	Solid + (Small porous) (Simple hollow)	✗
134 °C RAPID		30'		38'		33'		✗
134 °C HOLLOW OPEN	B	36'		44'	NOT PRESENT		Solid Simple hollow + (Narrow lumen)	✗
121 °C SOLIDS OPEN	NOT PRESENT		NOT PRESENT		N	53'	Solid	✗
134 °C SOLIDS OPEN						41'		✗

WEIGHT	Solids wrapped: 3.5 kg unwrapped: 4.5 kg Porous: 1.5 kg	Solids wrapped: 2 kg unwrapped: 3.5 kg Porous: 0.5 kg	Solids using RAPID: 2.5 kg others: 4.5 kg
--------	--	--	---

NOTE: Narrow lumen is an item open on one side with length equal to 5 times (or more) the diameter.
Times are calculated in conditions of pre-warmed chamber.



23 L

TECHNICAL DATA



KRONOS B23

KRONOS B23	KRONOS S23	KRONOS N23	
fractionated	pre and post vacuum	no vacuum	TYPE OF VACUUM
✓			INTEGRATED STEAM GENERATOR
			BUILT-IN PRINTER
			M.T.S MEMORY TEST SYSTEM
			WATER QUALITY SENSOR
			CONNECTION TO EXTERNAL DATA LOGGER
optional			INTERNAL USB DATA LOGGER
			INTEGRATED WATER PURIFICATION SYSTEM "ROSI"
505Wx690Dx400H mm			OVERALL MEASURES
ø236x530 mm			CHAMBER SIZE
nr. 4 INOX trays: 185Wx440Dx19H mm			TRAY MATERIAL AND SIZES
230 V ± 10%			SUPPLY VOLTAGE
50-60 Hz			MAINS FREQUENCY
2400 W			RATED POWER

TICHE 60 L



SMALL FOOTPRINT HUGE CAPACITY

- CAPACITY 60 LITERS
- BUILT-IN OSMOTIC SYSTEM
- DOUBLE VACUUM PUMP
- DOUBLE MOTOR-OPERATED LOCKING SYSTEM
- INTEGRATED USB STORAGE DEVICE
- ON BOARD PRINTER
- QUIKSTEAM PATENTED TECHNOLOGY
- ADDITIONAL DRYING OPTION
- « START DELAY » OPTION
- B/S/N-CLASS CYCLES INCLUDED



TICHE 60 L STERILIZERS ARE SUPPLIED WITH:

TRAYS HOLDER | ALUMINIUM TRAYS | CLEANING SPONGE | 1 SILICON - INSULATED GLOVES | TUBES AND FITTING
CD SOFTWARE | OSM03 PROTECTION FILTER

Sterilisation Table

DISPLAYED #, TEMPERATURE AND NAME		TICHE		TICHE SI		STERIZABLE LOAD	WRAPPED/ OPEN
		TYPE	TOTAL TIME	TYPE	TOTAL TIME		
1	HELIX - B&D TEST	TEST	75'	TEST	45'	N/A	✗
2	VACUUM TEST		15'		15'		✗
3	121 °C HOLLOW WRAPPED	B	115'	B	73'	Solid Small porous Simple hollow Narrow lumen Multiple casing	✓
4	134 °C HOLLOW WRAPPED		110'		69'		✓
5	121 °C SOLIDS WRAPPED	S	100'	S	60'	Solid Small porous Simple hollow	✓
6	134 °C SOLIDS WRAPPED		95'		59'		✓
7	134 °C PRION	B	135'	B	72'	Load related to Creutzfeldt-Jakob disease	✓
8	134 °C POROUS		130'		89'	Full porous	✓
12	134 °C SOLIDS OPEN	N	105'	N	68'	Solid	✓

WEIGHT	Solids wrapped: 12 kg Porous: 6 kg
--------	---------------------------------------

NOTE: Narrow lumen is an item open on one side with length equal to 5 times (or more) the diameter.
Times are calculated in conditions of pre-warmed chamber.

TECHNICAL DATA

TICHE	TICHE SI	
fractionated		TYPE OF VACUUM
-	✓	INTEGRATED STEAM GENERATOR
Bowie&Dick/Helix/Vacuum		TEST PROGRAMS
✓		BUILT-IN PRINTER
		M.T.S MEMORY TEST SYSTEM
		CONNECTION TO DATA LOGGER
		INTERNAL USB DATA LOGGER
		WATER QUALITY SENSOR
		INTEGRATED WATER PURIFICATION SYSTEM
135 kg	138 kg	WEIGHT
655Wx850Dx755H mm		OVERALL MEASURES (WITHOUT CABINET)
ø350x622 mm		CHAMBER SIZE
nr. 4 aluminium trays: 2 trays 310Wx550Dx25H mm 2 trays 220Wx550Dx25H mm		TRAY MATERIAL AND SIZES
230 V ± 10% (1 phase)	400 V ± 10% (3 phases)	SUPPLY VOLTAGE
50-60 Hz		MAINS FREQUENCY
11 Amp	13 Amp per phase	RATED POWER

NOTE: The autoclave is a device designed for water steam sterilization of small professional tools and equipment and widely used for medical purposes, in general practitioners' and dentists' surgeries, in facilities dedicated to personal hygiene and care and in veterinary surgeries. It is also used to sterilize materials and equipment intended to come into contact with blood or bodily fluids, such as instruments used by beauticians, tattooists, body piercers and hairdressers. The very specific sterilization loads used in these sectors of application require a diversification of the requirements concerning performance characteristics for sterilization cycles. It is therefore recommended that the device be used by suitably trained professionals.

NOTE: Specifications may be changed without prior notice.

Newmed

Manufactured by **NEWMED**

Via Lenin, 79/A
42020 Quattro Castella (RE) - Italy

Phone: +39 0522 875166

E-mail: **NEWMED.SALES@MIDMARK.COM**

WWW.NEWMEDSRL.IT

NEWMED STERILIZERS ARE IN COMPLIANCE WITH:

93/42/CEE	Medical Device Directive (MDD).
2014/68/EU	Pressure Equipment Directive.
2012/19/EU	Waste electrical and electronic equipment (WEEE).
EN 13060	Small steam sterilizers.
CEI EN 61010-1	Safety prescriptions for electrical, measuring, control and laboratory equipment.
CEI EN 61010-2-040	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-040: Particular requirements for sterilizers and washer disinfectors used to treat medical materials.
CEI EN 61326-1	Electrical equipment for measurement, control and laboratory use - Prescriptions of electromagnetic compatibility.

