

Professional sterilization systems



Newmed

Professional sterilization systems

Newmed was created to satisfy the needs of customers who demand safety, reliability and simplicity all in one sterilization instrument, and thanks to the experience, technology and research, we have been able to achieve this objective.



Newmed

Kronos S

15-23L



Kronos N

15-23L

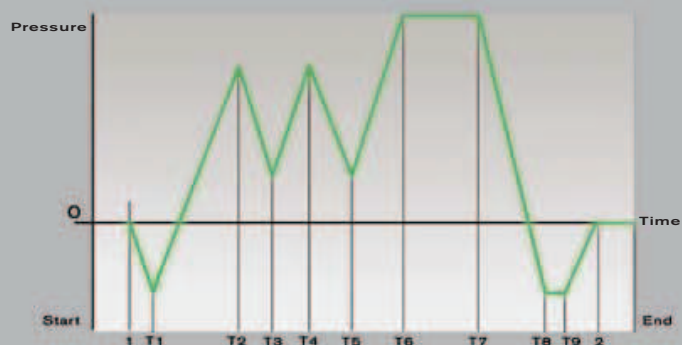
S

Pre and Post vacuum
With Double-stage Vacuum Pump

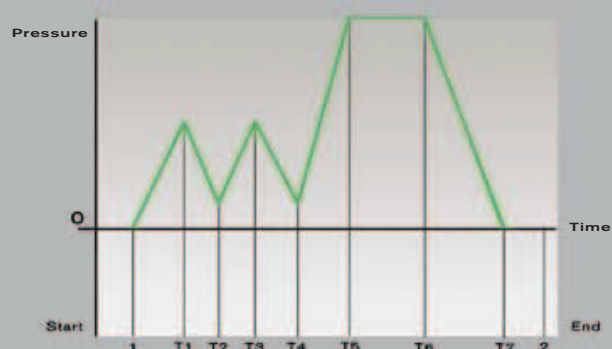
N

Thermodynamic vacuum
Electronically Controlled

COMPLETE GRAPHIC CYCLE KRONOS S



COMPLETE GRAPHIC CYCLE KRONOS N



KRONOS S 15/23L
STERILIZABLE PRODUCTS



SOLID INSTRUMENTS



WRAPPED INSTRUMENTS



SMALL POROUS LOADS

KRONOS N 15/23L
STERILIZABLE PRODUCTS



SOLID INSTRUMENTS

Kronos S and N

15-23L



Standard EN-13060



Motor-operated door closure
with triple-protection,
guarantees better safety,
greater ease of handling and
automatic regulation of the door

Instantaneous Vaporizer
outside the chamber allowing
higher sterilization speeds and
reduces water consumption

Thermal printer
built into the machine to allow
complete recording of the
sterilization cycle.
Ensures the user greater cycle
control and easy
archiving

**Multi-language graphic
display**
easier for the operator to select
the sterilization cycles, continuous
control over the cycle phases and
gives graphic indication of the
errors committed by the operator.

Connection to your PC

Stainless steel chamber
Made of a thick moulded one-
piece stainless steel

**Connection to water
demineralization system**



FEATURES

ADVANTAGES

Motor-operated door closure



+ ergonomics

Instantaneous vaporizer



+ speed &
low consumption

Printer as standard



+ control

Filling with self-priming pump



+ practical

Graphic display



+ simple to use

Latest Software



+ automatic cycle &
process self-control

Possibility of connection to PC



+ archiving

**Provision for connection
to demineralization system and
direct dirty water drainage**



+ handy

**Electronic drying in vacuum
(Kronos S only)**



+ safety

**Twin tanks for clean water
filling and waste water drainage**



+ hygiene

**Moulded one-piece stainless
steel chamber**



+ non porous

Memory Test System



+ diagnostics

2-cycles Test (Kronos S only)



+ safety

**Bowie & Dick
Vacuum Test**

Kronos S

Materials and instruments	Program	Vacuum phases	Total time*
Delicate hollow** and stainless steel hollow (wrapped)	121° Hollow wrapped	2	30 minutes
Stainless steel hollow (wrapped)	134° Hollow wrapped	2	18 minutes
Solid rubber and delicate solids (wrapped)	121° Solid wrapped	2	26 minutes
Stainless steel solid (wrapped)	134° Solid wrapped	2	14 minutes
Stainless steel solid and hollow (wrapped)	134° Pryon	2	35 minutes
Delicate, hollow and porous (wrapped)	121° Porous	2	31 minutes
Solid stainless steel, hollow, and porous loads small(wrapped)	134° Porous	2	19 minutes
Solid rubber and delicate (unwrapped)	121° Fast	2	21 minutes
Solid stainless steel (not wrapped)	134° Fast	2	9 minutes
Hollow rubber and stainless steel (unwrapped)	134° Hollow unwrapped	2	10 minutes
Test Cycle for Helix and Bowie & Dick	134° Helix/B&D Test	2	7.5 minutes
Test Cycle for vacuum	<40° Vacuum Test	1	15 minutes

* Including drying phase, excluding preheating. The preheating may vary from 20 to 25 minutes depending on the load.

* Type A and B hollow instruments, in accordance with EN 13060.

*** For Kronos S23 the total time must be increased by approx.15 minutes.

Kronos N

Materials and instruments	Program	Total time*
Solid rubber and delicate solids (with prolonged drying)	121° solid unwrapped	32 minutes
Solid rubber and solid metal (with prolonged drying)	134° Solid unwrapped	19 minutes
Solid stainless steel and metal instruments	134° Pryon	35 minutes
Solid rubber and delicate solids (with brief drying)	121° Fast	21 minutes
Solid rubber and solid metal (with brief drying)	134° Fast	9 minutes

* Including drying phase, excluding preheating. The preheating may vary from 20 to 25 minutes depending on the load.

** For Kronos N23 the total time must be increased by approx. 15 minutes.

Energy

Materials and instruments	Program	Total time*
Solid rubber and delicate solids (wrapped drying)	121° Wrapped	27 minutes
Solid rubber and solid metal (unwrapped)	121° Unwrapped	23 minutes
Solid stainless steel and metal instruments (wrapped)	134° Wrapped	14 minutes
Solid rubber and delicate solids (unwrapped)	134° Unwrapped	10 minutes

* Including drying phase, excluding preheating. The preheating may vary from 20 to 25 minutes depending on the load.

** For Energy 23 the total time must be increased by approx. 10 minutes.

Technical features

	Kronos B 15-23		Kronos B speedy	Kronos S 15-23		Kronos N 15-23		Energy 15-23	
Motor-operated closure	Standard		Standard	Standard		Standard		Mechanical	
Door lock Safety	Electric		Electric	Electric		Electric		Mechanical	
Type of Vacuum	Fractionated		Fractionated	Pre and Post vacuum		Thermodynamic		Thermodynamic	
Instantaneous Vaporizer	Standard		Standard	Standard		Standard		not present	
Test Programs	Bowie & Dick / Helix / Vacuum test		Bowie & Dick / Helix / Vacuum test	Bowie & Dick / Vacuum test		not present		not present	
Onboard Printer	Standard		Standard	Standard		Standard		not present	
Display	Graphic		Graphic	Graphic		Graphic		Digital	
M.T.S. Memory Test System	Standard		Standard	Standard		Standard		not present	
Connection to PC	Standard		Standard	Standard		Standard		not present	
Connection to water demineralizer	Standard		not present	Standard		Standard		not present	
Night Cycle	Standard		Standard	Standard		Standard		Standard	
Internal Water Tanks (loading and unloading)	2		2	2		2		1	
Chamber volume in litres	15	23	6	15	23	15	23	15	23
No. of Cycles with water loading (indicative)	8	6	20	10	8	10	8	16	12
Wrapped Sterilizable Weight in kg	3	4.5	1	3	4.5	not present	not present	2	4
Unwrapped Sterilizable Weight in kg	4	6	1.8	4	6	4	6	4	6
Porous material in kg	1	1.5	0.5	0.5	1	not present	not present	not present	not present
Empty Machine weight in kg	56	60	40	45	50	43	48	40	45
Outer measurement:									
Depth mm	610	695	610	610	695	610	695	610	695
Width mm	505	505	445	445	445	445	445	445	445
Height mm	400	400	345	400	400	400	400	400	400
Supply voltage	230-240 Vac								
Mains frequency	50-60 Hz								
Rated power	2400w		2500w	2400w		2400w		2000w	

Standard not present

Newmed reserves the right to make modifications without prior notice.

COLOUR RANGE OF AUTOCLAVES

We can customize our autoclave with all the RAL range of colours to match your Equipment or your Surgery.

WHITE - Standard



Heat sealing unit Termoseal

Ergonomic design with smooth, easy-to-clean surfaces.
Ergonomic grip with non-fatigue movement.
Automatic sealing Complete Indicator.
Fast sealing time with stretched 12mm seal
Simple and Reliable Resistance, self-controlled at constant temperature.
Concealed Roll-Holder.
Table top use or Wall mounted.
Dimensions 480 x 198 x 385 mm (L x H x D)
Power absorbed 100W
Weight 7.5kg



Ultrasonics tanks

Simply - Heating - Lux

Stainless Steel tank.
Container manufactured from fire-retardant plastic.
Automatic frequency control
which is regulated according to tank load.
High-intensity piezo-ceramic Transducer.
Automatic liquid de-gassing.
Wide range of accessories available.

Models:

Simply 35 - Simply 60

Electronic Timer without heating

Heating 35 - Heating 60

Switch for electronic timer for heating at 50

Lux 35 - Lux 60

Digital selection of operating times and temperatures



Lux 60
Real volume 6L
Weight 5.4kg
Inner dimensions:
297 x 238 x 100h mm
Outer dimensions:
345 x 315 x 246h mm

Lux 35
Real volume 3.5 L
Weight 3.5 kg
Inner dimensions:
297 x 135 x 100h mm
Outer dimensions:
345 x 210 x 238h mm

Optional ACCESSORIES



Perfect Water
Electric Distiller



Aquamed
Water demineralizer with visual colour check of conductivity complete with sampler gun



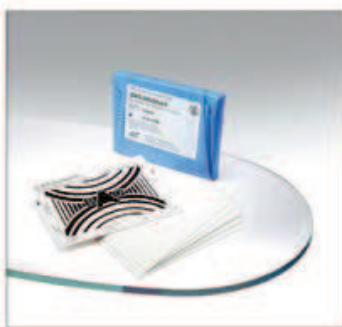
Osmosis
Clean water for autoclave



STS DATA LOGGER
Software for acquisition and archiving data using Flashcard – USB



Helix Test
Spiral + 100 indicators for checking sterilization in hollow bodies



Bowie & Dick Test
Disposable pack
For checking sterilization in porous loads



Chemical indicator
Pack of 250pcs.
For chemical testing of each sterilization cycle



Spores
Box of 20pcs.
For biological testing of sterilization

