





## THE WAY WE ARE

NEWMED is specialized in the development and production of infection control solutions such as **STERILIZERS**, ultrasonic cleaners, water purification systems, sealing devices and incubators.

In 2010, NEWMED was acquired by Midmark Corporation, with the objective to provide an even better global healthcare experience.

Our brand is especially renowned for the sterilizers which are characterized by **FAST, ADVANCED AND PATENTED TECHNOLOGY** and, therefore, can boast high reliability, rapid cycle times and class Italian design.



infection  
control  
IS OUR  
RESPONSIBILITY!

## COMMITMENT FOR THE FUTURE

NEWMED is committed to provide **SUPERIOR INFECTION CONTROL SOLUTIONS** to the medical, dental and animal healthcare community.

We understand that your facility requires absolute reliability on the sterilization processes.

NEWMED gives you the peace of mind to focus on what's most important: **YOUR PATIENTS!**

# RELIABILITY

# BASED ON DESIGN

Clean yet elegant on the outside, reliable and uncomplicated on the inside, the Newmed sterilizer is your perfect partner for instrument processing in today's busy healthcare environment.

NEWMED sterilizers feature a sleek, stylish Italian design, to enhance the look of your practice.

Design is smooth with easily wipeable surfaces for effective **DECONTAMINATION**.

# WATER QUALITY: NO PROBLEM

**GOOD QUALITY STEAM** is essential for 100% fail safe sterilization. It ensures that even the most difficult to reach areas of complex instruments are exposed to the right conditions for sterilization to occur.

Good quality steam can only be produced if **GOOD QUALITY WATER** is used in its generation. If excellent water quality is not available in your ward: ROSI is the solution! ROSI is an optional integrated tri-cartridge water purification system which connects directly to your practice water supply.

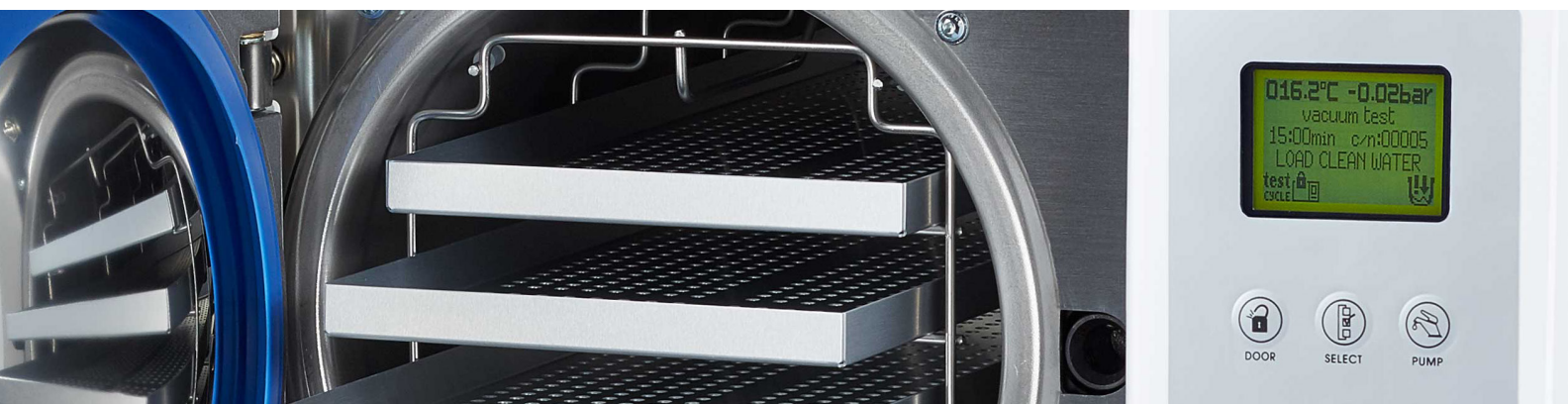


**ROSI**  
Reverse Osmosis Steam Injection  
**TECHNOLOGY**



# OUTSTANDING TECHNOLOGY

NEWMED's experienced, forward thinking team of engineers have designed a sterilizer range with a **FASTER PRINTER, FAIL-SAFE MOTOR-OPERATED DOOR LOCKING, IMPROVED DATA RECORDING** functions, a more **INTUITIVE USER INTERFACE** and more **INTELLIGENT DIAGNOSTICS TO SIMPLIFY MAINTENANCE** procedures and maximize uptime.



## JUST IN TIME!

Assuming you will be using the sterilizer multiple times a day, a NEWMED sterilizer is a reliable, cost-effective unit for your practice.

For **UNWRAPPED INSTRUMENTS**, we ensure that sterilized instruments are available **ON TIME** for your next patient due to our faster, preprogrammed cycles. We ensure rapid throughput and no bottlenecks in your instrument workflow.

**POUCHED ITEMS** can be confidently stored until required.

**QUIKSTEAM™**

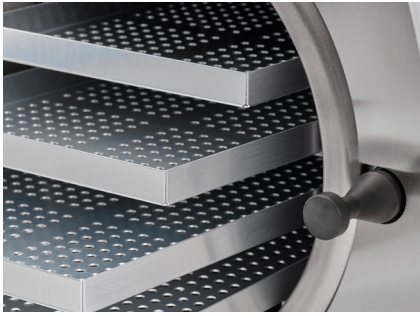
NEWMED **EXCLUSIVE QUIKSTEAM™** patented technology ensures **UP TO 20% ACCELERATED CYCLE TIMES** with a lower energy consumption – saving time for your doctors and caregivers and money for your facility.



## NEWMED TABLETOP STERILIZERS

- **RELIABLE:**  
Newmed sterilizers last longer due to top quality components made in Europe.
- **PERFECT FOR YOUR NEEDS:**  
Chambers can contain 6, 18, 23 and 60 litres and are made of thick one-piece moulded AISI 304 steel.
- **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





### DOOR LOCKING:

motor operated door locking, 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

## RECOMMENDED PROGRAMS

● OPEN ● WRAPPED

B-CLASS

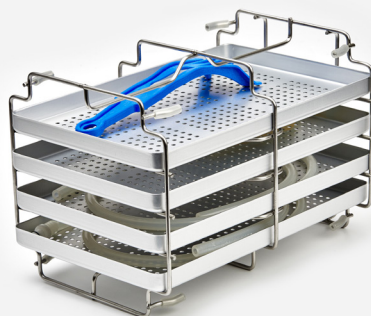
| TEMPERATURE AND NAME OF CYCLE | TYPE | TOTAL TIME | WEIGHT | STERILIZABLE MATERIALS AND INSTRUMENTS               | WRPD |
|-------------------------------|------|------------|--------|--|------|
| HELIX TEST - B&D TEST         | Test | 19 M       | 0      | Steam penetration test                               | -    |
| VACUUM TEST                   |      | 15 M       |        | Leak detection test                                  | -    |
| 121° C HOLLOW WRAPPED         | B    | 37 M       | 1,0    | Delicate hollow, stainless steel hollow and turbines | ●    |
| 134° C HOLLOW WRAPPED         |      | 28 M       |        | Delicate hollow and turbines                         | ●    |
| 121° C HOLLOW OPEN            |      | 33 M       |        | Delicate hollow, stainless steel hollow and turbines | ●    |
| 134° C HOLLOW OPEN            |      | 20 M       |        | Stainless steel hollow and turbines                  | ●    |
| 134° C PRION                  |      | 40 M       |        | Stainless steel hollow and metal instruments         | ●    |
| 134° C POROUS                 |      | 36 M       | 0,5    | Porous loads   | ●    |

REFERRING TO KRONOS B6

S-CLASS

| TEMPERATURE AND NAME OF CYCLE | TYPE | TOTAL TIME | WEIGHT | STERILIZABLE MATERIALS AND INSTRUMENTS               | WRPD |
|-------------------------------|------|------------|--------|--|------|
| B&D TEST                      | Test | 35 M       | 0      | Steam penetration test                               | -    |
| VACUUM TEST                   |      | 15 M       |        | Leak detection test                                  | -    |
| 121° C HOLLOW WRAPPED         | S    | 50 M       | 1,0    | Delicate hollow, stainless steel hollow and turbines | ●    |
| 134° C HOLLOW WRAPPED         |      | 40 M       |        | Stainless steel hollow and turbines                  | ●    |
| 121° POROUS                   |      | 55 M       | 0,5    | Little delicate porous material                      | ●    |
| 134° C FAST                   |      | 37 M       | 1,8    | Rubber and metal solids                              | ●    |

REFERRING TO KRONOS S6







KRONOS B6

# TECHNICAL DATA

| 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 trays:<br>1 tray 150Wx240Dx19H mm<br>2 trays 115Wx240Dx19H mm |                     | TRAY SIZES                 |
| 230V ± 10%  |                     | SUPPLY VOLTAGE             |
| 50-60 Hz  |                     | MAINS FREQUENCY            |
| 2500 W  | 1500 W              | RATED POWER                |

# KRONOS 18 L

## RECOMMENDED PROGRAMS

 OPEN  WRAPPED

### B-CLASS

| TEMPERATURE AND NAME OF CYCLE | TYPE | TOTAL TIME | WEIGHT | STERILIZABLE MATERIALS AND INSTRUMENTS               | WRPD  |
|-------------------------------|------|------------|--------|--|---|
| HELIX TEST - B&D TEST         | Test | 22 M       | 0      | Steam penetration test                               | -   |
| VACUUM TEST                   |      | 15 M       |        | Leak detection test                                  | -   |
| 121° C HOLLOW WRAPPED         | B    | 50 M       | 2,5    | Delicate hollow, stainless steel hollow and turbines |  |
| 134° C HOLLOW WRAPPED         |      | 39 M       |        | Stainless steel hollow and turbines                  |  |
| 134° C PRION                  |      | 54 M       |        | Stainless steel hollow and metal instruments         |  |
| 134° C POROUS                 |      | 50 M       | 1,0    | Porous loads   |  |
| 134° C HOLLOW OPEN            |      | 36 M       | 4,0    | Stainless steel hollow and turbines                  |  |


REFERRING TO KRONOS B18

### S-CLASS

| TEMPERATURE AND NAME OF CYCLE | TYPE | TOTAL TIME | WEIGHT | STERILIZABLE MATERIALS AND INSTRUMENTS       | WRPD  |
|-------------------------------|------|------------|--------|--|---|
| BOWIE & DICK TEST             | Test | 28 M       | 0      | Steam penetration test                       | -   |
| VACUUM TEST                   |      | 15 M       |        | Leak detection test                          | -   |
| 121° C HOLLOW WRAPPED         | S    | 56 M       | 1,5    | Delicate hollow, stainless steel hollow      |  |
| 134° C HOLLOW WRAPPED         |      | 45 M       |        | Stainless steel hollow                       |  |
| 134° C PRION                  |      | 60 M       |        | Stainless steel hollow and metal instruments |  |
| 134° C POROUS                 |      | 56 M       | 0,5    | Little porous loads                          |  |
| 134° C FAST                   |      | 36 M       | 2,5    | Rubber solids and metal solids               |  |

REFERRING TO KRONOS S18

### N-CLASS

| TEMPERATURE AND NAME OF CYCLE | TYPE | TOTAL TIME | WEIGHT | STERILIZABLE MATERIALS AND INSTRUMENTS | WRPD  |
|-------------------------------|------|------------|--------|--|---|
| 121° C SOLIDS OPEN            | N    | 48 M       | 1,5    | Rubber solids and delicate solids      |  |
| 134° C SOLIDS OPEN            |      | 36 M       |        | Rubber solids and metal solids         |  |
| 134° C PRION                  |      | 50 M       |        | Metal instruments                      |  |
| 121° C FAST                   |      | 38 M       | 3,0    | Rubber solids and delicate solids      |  |
| 134° C FAST                   |      | 28 M       |        | Rubber solids and metal solids         |  |

REFERRING TO KRONOS N18

# TECHNICAL DATA



KRONOS B18

| KRONOS B18   | KRONOS S18          | KRONOS N18 |   |
|--|---------------------|------------|---|
| fractionated   | pre and post vacuum | no vacuum  | TYPE OF VACUUM                              |
| <div style="text-align: center; font-size: 2em;">✓</div> |                     |            | 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 trays:<br>185Wx285Dx18H mm                         |                     |            | TRAY SIZES                                  |
| 230 V ± 10%  |                     |            | SUPPLY VOLTAGE                              |
| 50-60 Hz   |                     |            | MAINS FREQUENCY                             |
| 2400 W   |                     |            | RATED POWER                                 |

# KRONOS 23 L

## RECOMMENDED PROGRAMS

 OPEN  WRAPPED

### B-CLASS

| TEMPERATURE AND NAME OF CYCLE | TYPE | TOTAL TIME | WEIGHT | STERILIZABLE MATERIALS AND INSTRUMENTS               | WRPD  |
|-------------------------------|------|------------|--------|--|---|
| HELIX TEST - B&D TEST         | Test | 29 M       | 0      | Steam penetration test                               | -   |
| VACUUM TEST                   |      | 15 M       |        | Leak detection test                                  | -   |
| 121° C HOLLOW WRAPPED         | B    | 51 M       | 3,5    | Delicate hollow, stainless steel hollow and turbines |  |
| 134° C HOLLOW WRAPPED         |      | 49 M       |        | Stainless steel hollow and turbines                  |  |
| 134° C PRION                  |      | 60 M       |        | Stainless steel hollow and metal instruments         |  |
| 134° C POROUS                 |      | 58 M       | 1,0    | Porous loads   |  |
| 134° C HOLLOW OPEN            |      | 41 M       | 4,5    | Stainless steel hollow and turbines                  |  |

REFERRING TO KRONOS B23

### S-CLASS

| TEMPERATURE AND NAME OF CYCLE | TYPE | TOTAL TIME | WEIGHT | STERILIZABLE MATERIALS AND INSTRUMENTS       | WRPD  |
|-------------------------------|------|------------|--------|--|---|
| BOWIE & DICK TEST             | Test | 35 M       | 0      | Steam penetration test                       | -   |
| VACUUM TEST                   |      | 15 M       |        | Leak detection test                          | -   |
| 121° C HOLLOW WRAPPED         | S    | 57 M       | 2,5    | Delicate hollow, stainless steel hollow      |  |
| 134° C HOLLOW WRAPPED         |      | 55 M       |        | Stainless steel hollow                       |  |
| 134° C PRION                  |      | 66 M       |        | Stainless steel hollow and metal instruments |  |
| 134° C POROUS                 |      | 63 M       | 0,5    | Little porous loads                          |  |
| 134° C FAST                   |      | 40 M       | 3,5    | Rubber solids and metal solids               |  |

REFERRING TO KRONOS S23

### N-CLASS

| TEMPERATURE AND NAME OF CYCLE | TYPE | TOTAL TIME | WEIGHT | STERILIZABLE MATERIALS AND INSTRUMENTS | WRPD  |
|-------------------------------|------|------------|--------|--|---|
| 121° C SOLIDS OPEN            | N    | 58 M       | 2,5    | Rubber solids and delicate solids      |  |
| 134° C SOLIDS OPEN            |      | 46 M       |        | Rubber solids and metal solids         |  |
| 134° C PRION                  |      | 60 M       |        | Metallic Instruments                   |  |
| 121° C FAST                   |      | 48 M       | 4,5    | Rubber solids and metal solids         |  |
| 134° C FAST                   |      | 38 M       |        | Rubber solids and metal solids         |  |

REFERRING TO KRONOS N23



# 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 trays:<br>185Wx440Dx19H mm |                     |            | TRAY 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





## RECOMMENDED CYCLES

 OPEN  WRAPPED

| TEMPERATURE AND NAME OF CYCLE | TYPE | TOTAL TIME |       | WEIGHT | STERILIZABLE MATERIALS AND INSTRUMENTS               | WRPD  |
|-------------------------------|------|------------|-------|--------|--|---|
|                               |      | B60        | B60SI |        |  |   |
| HELIX TEST - B&D TEST         | TEST | 75 M       | 45 M  | 0      | Steam penetration test                               | -   |
| VACUUM TEST                   |      | 15 M       | 15 M  |        | Leak detection test                                  | -   |
| 121° C HOLLOW WRAPPED         | B    | 140 M      | 90 M  | 12,00  | Delicate hollow, stainless steel hollow and turbines |  |
| 134° C HOLLOW WRAPPED         |      | 135 M      | 85 M  |        | Stainless steel hollow and turbines                  |  |
| 121° C SOLIDS WRAPPED         | S    | 125 M      | 75 M  |        | Rubber solids and delicate solids                    |  |
| 134° C SOLIDS WRAPPED         | S    | 120 M      | 60 M  |        | Rubber solids and metal solids                       |  |
| 134° C PRION                  | B    | 150 M      | 90 M  |        | Stainless steel hollow and turbines                  |  |
| 134° C POROUS                 |      | 160 M      | 110 M |        | 6,00   | Porous loads  |

REFERRING TO TICHE

## 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                 |
| 135 kg  |   | INTEGRATED WATER PURIFICATION SYSTEM |
|   |   | WEIGHT                               |
| 138 kg  |   | OVERALL MEASURES (WITHOUT CABINET)   |
| 655Wx850Dx755H mm   |   | CHAMBER SIZE                         |
| ø350x622 mm   |   | TRAY SIZES                           |
| nr. 4 trays:<br>2 trays 310Wx550Dx25H mm<br>2 trays 220Wx550Dx25H mm                |   | SUPPLY VOLTAGE                       |
| 230 V ± 10% (1 phase)   | 400 V ± 10% (3 phases)  | MAINS FREQUENCY                      |
| 50-60 Hz  |   | RATED POWER                          |
| 11 Amp  | 13 Amp per phase  |                                      |

# *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:**

|                           |   |
|---------------------------|---|
| <b>93/42/CEE</b>          | Medical Device Directive (MDD)  |
| <b>2014/68/EU</b>         | Pressure Equipment Directive  |
| <b>2012/19/EU</b>         | Waste electrical and electronic equipment (WEEE)  |
| <b>EN 13060:2015</b>      | Small steam sterilizers   |
| <b>CEI EN 61010-1</b>     | Safety prescriptions for electrical, measuring, control and laboratory equipment  |
| <b>CEI EN 61010-2-040</b> | 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 |
| <b>CEI EN 61326-1</b>     | Electrical equipment for measurement, control and laboratory use - Prescriptions of electromagnetic compatibility   |

