

Midmark
Infection control.

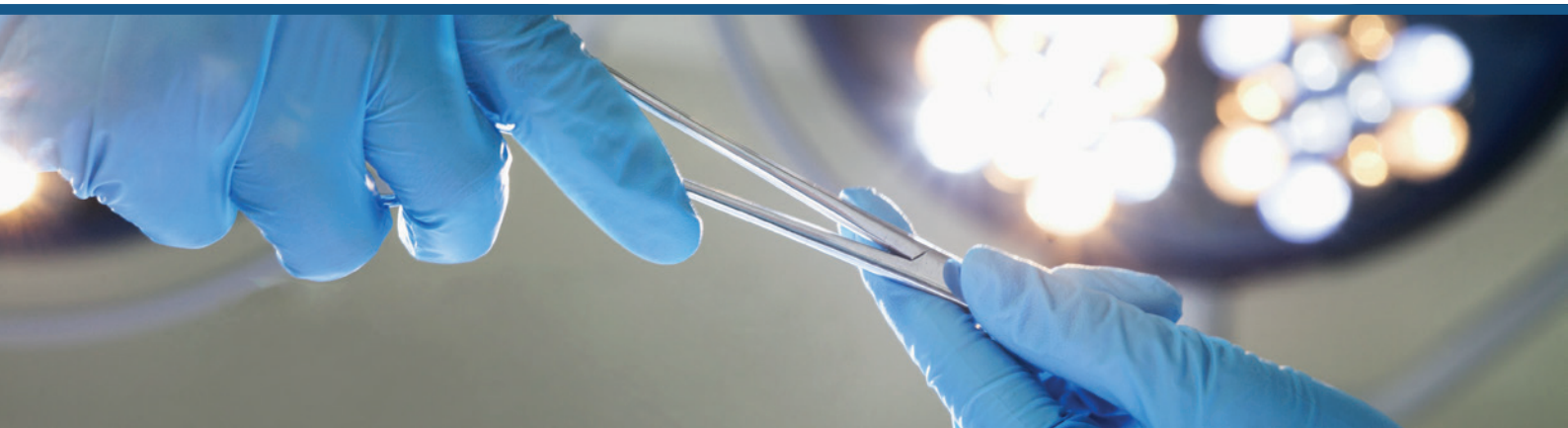


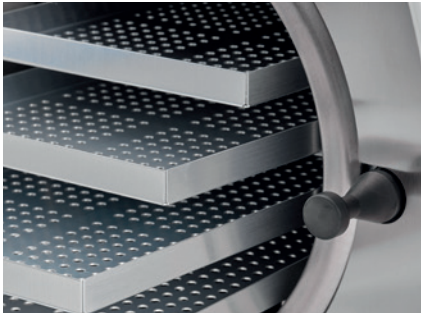
The Midmark Dentisure series



MIDMARK TABLETOP STERILIZERS

- **RELIABLE:**
Midmark sterilizers last longer due to top quality components made in Europe.
- **PERFECT FOR YOUR NEEDS:**
18, 23 and 60 litres chambers are made of thick one-piece moulded AISI 304 steel.
- **TROUBLE FREE:**
intelligent self-checking system alerts about maintenance needs.
- **EFFICIENT:**
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 door.



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).



USER FRIENDLY INTERFACE:

just four buttons keypad for simple 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.



START DELAY - OPTION EXTRA DRYING - OPTION

cycle options available in the user menu.



MIDMARK DENTISURE 18 L

RECOMMENDED CYCLES

- Cycle designed to sterilize wrapped material
- Cycle suitable for sterilizing UNWRAPPED MATERIAL only

B-CLASS

TEMP AND NAME OF CYCLE		STERILIZABLE LOADS ¹	TECHNICAL SPECS OF THE CYCLES ²				
				STR	DRY	TOT	KG
134° B	Bowie & Dick Test	Steam Penetration Test	●	03:30	04:00	~25m	0
-	Vacuum Test	Leak Detection Test	●	-	-	~15m	0
121° B	Hollow Wrapped	Solid load, small porous objects, simple hollow load and narrow lumen, multiple casing	●	18:00	15:00	~50m	2.5
134° B	Hollow Wrapped		●	05:00	15:00	~39m	2.5
121° B	Solids Wrapped	Solid load, small porous objects, simple hollow load	●	18:00	10:00	~47m	2.5
134° B	Solids Wrapped		●	05:00	10:00	~35m	2.5
134° B	Prion	Load related to the Creutzfeldt-Jakob disease	●	20:00	15:00	~54m	2.5
121° B	Porous	Full porous load	●	18:00	20:00	~60m	1.0
134° B	Porous		●	05:00	20:00	~50m	1.0
121° B	Rapid	Solid load, small porous objects, simple hollow load	●	18:00	04:00	~41m	4.0
134° B	Rapid		●	05:00	04:00	~30m	4.0
134° B	Hollow Open	Solid load, simple hollow load and narrow lumen	●	05:00	04:00	~36m	4.0

REFERRING TO MIDMARK DENTISURE B18

S-CLASS

TEMP AND NAME OF CYCLE		STERILIZABLE LOADS ¹	TECHNICAL SPECS OF THE CYCLES ²				
				STR	DRY	TOT	KG
134° S	Bowie & Dick Test	Steam Penetration Test	●	03:30	04:00	~28m	0
-	Vacuum Test	Leak Detection Test	●	-	-	~15m	0
121° S	Hollow Wrapped	Solid load, small porous objects, simple hollow load	●	18:00	20:00	~56m	1.5
134° S	Hollow Wrapped		●	05:00	20:00	~45m	1.5
121° S	Solids Wrapped	Solid load	●	18:00	15:00	~53m	1.0
134° S	Solids Wrapped		●	05:00	15:00	~42m	1.0
134° S	Prion	Load related to the Creutzfeldt-Jakob disease	●	20:00	20:00	~60m	1.5
121° S	Porous	Small sized porous loads	●	18:00	25:00	~66m	0.5
134° S	Porous		●	05:00	25:00	~56m	0.5
121° S	Rapid	Solid load	●	18:00	10:00	~47m	2.5
134° S	Rapid		●	05:00	05:00	~36m	2.5
134° S	Hollow Open	Solid load, simple hollow load	●	05:00	10:00	~42m	2.5

REFERRING TO MIDMARK DENTISURE S18

N-CLASS

TEMP AND NAME OF CYCLE		STERILIZABLE LOADS ¹	TECHNICAL SPECS OF THE CYCLES ²				
				STR	DRY	TOT	KG
121° N	Solids Open	Solid load	●	18:00	15:00	~48m	1.5
134° N	Solids Open		●	06:00	15:00	~36m	1.5
134° N	Prion	Solid load related to the Creutzfeldt-Jakob disease	●	20:00	15:00	~50m	1.5
121° N	Rapid	Solid load	●	18:00	05:00	~38m	3.0
134° N	Rapid		●	06:00	05:00	~28m	3.0

REFERRING TO MIDMARK DENTISURE N18

¹ To select the sterilization cycle, always refer to the indications of the manufacturer of the instrument /load to be sterilized.

² Please note that, although the total times indicated in the table have been obtained by trying to simulate the "worst" autoclave conditions, changes to the times indicated are possible: power supply, cycle start temperature, weight of the inserted loads and other factors have an impact on the total duration of the cycle.

TECHNICAL DATA



DENTISURE B18

DENTISURE B18	DENTISURE S18	DENTISURE N18	
fractionated vacuum	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
	505Wx615Dx400H mm		OVERALL MEASURES
	ø236x381,5 mm		CHAMBER SIZE
	nr. 5 trays: 185Wx285Dx18H mm		TRAY SIZES
	230 V ± 10%		SUPPLY VOLTAGE
	50-60 Hz		MAINS FREQUENCY
	2400 W		RATED POWER

MIDMARK DENTISURE 23 L

RECOMMENDED CYCLES

- Cycle designed to sterilize wrapped material
- Cycle suitable for sterilizing UNWRAPPED MATERIAL only

B-CLASS

TEMP AND NAME OF CYCLE		STERILIZABLE LOADS ¹	TECHNICAL SPECS OF THE CYCLES ²				
				STR	DRY	TOT	KG
134° B	Helix - B&D Test	Steam Penetration Test	●	03:30	04:00	~35m	0
-	Vacuum Test	Leak Detection Test	●	-	-	~15m	0
121° B	Hollow Wrapped	Solid load, small porous objects, simple hollow load and narrow lumen, multiple casing	●	18:00	15:00	~60m	3.5
134° B	Hollow Wrapped		●	05:00	15:00	~49m	3.5
121° S	Solids Wrapped	Solid load, small porous objects, simple hollow load	●	18:00	15:00	~57m	3.5
134° S	Solids Wrapped		●	05:00	15:00	~45m	3.5
134° B	Prion	Load related to the Creutzfeldt-Jakob disease	●	20:00	15:00	~64m	3.5
121° B	Porous	Full porous load	●	18:00	20:00	~70m	1.5
134° B	Porous		●	05:00	20:00	~60m	1.5
121° S	Rapid	Solid load, small porous objects, simple hollow load	●	18:00	09:00	~51m	4.5
134° S	Rapid		●	05:00	09:00	~40m	4.5
134° B	Hollow Open	Solid load, simple hollow load and narrow lumen	●	05:00	09:00	~46m	4.5

REFERRING TO MIDMARK DENTISURE B23

S-CLASS

TEMP AND NAME OF CYCLE		STERILIZABLE LOADS ¹	TECHNICAL SPECS OF THE CYCLES ²				
				STR	DRY	TOT	KG
134° S	Bowie & Dick Test	Steam Penetration Test	●	03:30	04:00	~38m	0
-	Vacuum Test	Leak Detection Test	●	-	-	~15m	0
121° S	Hollow Wrapped	Solid load, small porous objects, simple hollow load	●	18:00	20:00	~66m	2.5
134° S	Hollow Wrapped		●	05:00	20:00	~55m	2.5
121° S	Solids Wrapped	Solid load	●	18:00	15:00	~63m	2.0
134° S	Solids Wrapped		●	05:00	15:00	~52m	2.0
134° S	Prion	Load related to the Creutzfeldt-Jakob disease	●	20:00	20:00	~60m	2.5
121° S	Porous	Small sized porous loads	●	18:00	25:00	~76m	0.5
134° S	Porous		●	05:00	25:00	~66m	0.5
121° S	Rapid	Solid load	●	18:00	10:00	~57m	3.5
134° S	Rapid		●	05:00	05:00	~46m	3.5
134° S	Hollow Open	Solid load, simple hollow load	●	05:00	10:00	~52m	3.5

REFERRING TO MIDMARK DENTISURE S23

N-CLASS

TEMP AND NAME OF CYCLE		STERILIZABLE LOADS ¹	TECHNICAL SPECS OF THE CYCLES ²				
				STR	DRY	TOT	KG
121° N	Solids Open	Solid load	●	18:00	20:00	~58m	2.5
134° N	Solids Open		●	06:00	20:00	~46m	2.5
134° N	Prion	Solid load related to the Creutzfeldt-Jakob disease	●	20:00	20:00	~60m	2.5
121° N	Rapid	Solid load	●	18:00	10:00	~48m	4.5
134° N	Rapid		●	06:00	10:00	~38m	4.5

REFERRING TO MIDMARK DENTISURE N23

¹ To select the sterilization cycle, always refer to the indications of the manufacturer of the instrument /load to be sterilized.

² Please note that, although the total times indicated in the table have been obtained by trying to simulate the "worst" autoclave conditions, changes to the times indicated are possible: power supply, cycle start temperature, weight of the inserted loads and other factors have an impact on the total duration of the cycle.

TECHNICAL DATA



DENTISURE B23

DENTISURE B23	DENTISURE S23	DENTISURE 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
	505Wx690Dx400H mm		OVERALL MEASURES
	ø236x530 mm		CHAMBER SIZE
	nr. 5 trays: 185Wx440Dx19H mm		TRAY SIZES
	230 V ± 10%		SUPPLY VOLTAGE
	50-60 Hz		MAINS FREQUENCY
	2400 W		RATED POWER

MIDMARK 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
- ADDITIONAL DRYING OPTION
- « START DELAY » OPTION
- B/S/N-CLASS CYCLES INCLUDED
- SINGLE PHASE B60 OPTION
- THREE PHASE B60 STEAM INJECTION OPTION



MIDMARK 60 L STERILIZERS ARE SUPPLIED WITH:
TRAYS HOLDER | ALUMINIUM TRAYS | CLEANING SPONGE | 1 SILICONE INSULATED GLOVES | TUBES AND FITTING |
CD SOFTWARE | OSMO3 PROTECTION FILTER



RECOMMENDED CYCLES

- Cycle designed to sterilize wrapped material
- Cycle suitable for sterilizing UNWRAPPED MATERIAL only

TEMP AND NAME OF CYCLE		STERILIZABLE LOADS	TECHNICAL SPECS OF THE CYCLES					KG
				STR	DRY	TOT		
					B60	B60SI		
134° B	Helix - B&D Test	Steam Penetration Test	●	03:30	04:00	~75m	~45m	0
-	Vacuum Test	Leak Detection Test	●	-	-	~15m	~15m	0
121° B	Hollow Wrapped	Solid load, small porous objects, simple hollow load and narrow lumen, multiple casing	●	20:00	15:00	~140m	~90m	12.0
134° B	Hollow Wrapped		●	05:00	15:00	~135m	~85m	
121° S	Solids Wrapped	Solid load, small porous objects, simple hollow load	●	20:00	15:00	~125m	~75m	
134° S	Solids Wrapped		●	05:00	15:00	~120m	~60m	
134° B	Prion	Load related to the Creutzfeldt-Jakob disease	●	20:00	15:00	~150m	~90m	
134° B	Porous	Full porous load	●	05:00	25:00	~160m	~110m	6.0
134° N	Solids Open	Solid load	●	05:00	15:00	~105m	~90m	12.0

REFERRING TO B60 AND B60 SI

TECHNICAL DATA

MIDMARK B60	MIDMARK B60 SI	
Fractionated		TYPE OF VACUUM
-		INTEGRATED STEAM GENERATOR
Bowie&Dick/Helix/Vacuum		TEST PROGRAMMES
		BUILT-IN PRINTER
		M.T.S MEMORY TEST SYSTEM
		CONNECTION TO EXTERNAL 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 trays: 2 trays 310Wx550Dx25H mm 2 trays 220Wx550Dx25H mm		TRAY 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



Manufactured by NEWMED

UK Responsible Person MHRA

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MIDMARK 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 13060:2015	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

