

# MC Dental.

## Dental Decontamination.

### ISSUE: 2

**FREE**  
Maintenance  
Guide inside!



**To ensure a safe and hygienic environment:**

Covering a comprehensive range of supplies and accessories to ensure effective sterilization and disinfection.

01253 403 440



# Dental Decontamination Supplies: **AUTOCLAVES**

## MELAG



### **MELAG Pro Line Vacuclave 118/123**

Designed for durability. And Efficiency. The Pro Class autoclaves offer perfect sterilization and drying results in just 20 – 39 minutes (in the quick programs incl. pre-vacuum and drying).

Vacuclave 118  
Chamber size 17 Litres (ø 25 cm x 35 cm long)  
max. 5KG Instruments / 1.7KG Textiels

Vacuclave 123  
Chamber size 23 Litres (ø 25 cm x 45 cm long)  
Sterilise larger quantities of instruments (up to 6KG) on 5 trays in 45cm deep chamber.

£5,672  
**17L £3,795** +VAT  
£6,121  
**23L £3,995** +VAT

SKU: ME10118, ME10123

## MELAG



### **MELAG MELATHERM 10 EVOLUTION**

Smart. Fast. Efficient. So that your time can be dedicated to your patients again. In addition to the proven MELATHERM 10 product highlights, the new MELAG Therminator features groundbreaking innovations for even more efficient workflows when reprocessing instruments for up to 45 patients.

Device dimensions: (W × H × D) with floor unit 59,8 × 124 × 67,8 cm

Washing chamber: (W × H × D) 46,5 × 40,5 × 44,8 cm

Weight: 80 kg

£10,525  
**£7995** +VAT

SKU: ME20021

PRICES AND PRODUCT AVAILABILITY ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE. VAT NOT SHOWN.

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**WWW.MCDENTAL.CO.UK**



# MELAG



Delivery and  
Installation  
Quoted  
on Request

## Premium Class Vacuklav 40/41 B+

**The benchmark for practice autoclaves.**

Sterilize up to 9 kg of instruments in 8 to 25 minutes: No one is faster. No one is more reliable. No one is like our Premium Class: full of power, easy to use and as versatile as you are.

Dimensions (w x h x d): 46 x 50 x 55 cm (Height incl. Display 56 cm)

Load Quantity: Max. 9 kg instruments / 2 kg textiles

£9,995  
18L **£7,295**  
+VAT

SKU: ME10081

# MELAG



Delivery and  
Installation  
Quoted  
on Request

## Premium Class Vacuklav 43/44 B+

Vacuklav 43 B+: Large, ultra-fast and stand-alone: Vacuklav 43 B+ Evolution offers extra space for your instruments as a stand-alone autoclave with a 22 liter chamber.

Vacuklav 44 B+: The power autoclave for large clinics: With a 22-liter chamber, the fixed-water autoclave Vacuklav 44 B+ Evolution enables the sterilization of a particularly large number of instruments in the shortest possible time.

Load Quantity: Max. 9 kg instruments / 2 kg textiles

£13,014  
23L **£8,295**  
+VAT

SKU: ME10083

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# AUTOCLAVES



**Price Includes:**  
Delivery  
Contact us for  
Installation  
Cost.

## Lyla S type Sterilizer

Your customised solution – now and in the future.

With its innovative duo-chamber system, lubrication in record time and the environmentally friendly Care Set, it impresses all along the line.

Overall dimension: 465 × 452 × 646 mm

Weight: 40 kg, 42 kg

Working range: 7 to 10 cycles

Lyla 17/22 loads: maximum solid 4 kg/typical 2 kg/maximum porous 0.5 kg

Lyla 17/22 container load: maximum 4 kg

17L ~~£4,608~~  
**£3,318**  
+VAT

22L ~~£4,847~~  
**£3,696**  
+VAT

SKU: 19951154, 19952154



**Price Includes:**  
Delivery  
Contact us for  
Installation  
Cost.

## Lara B type Sterilizer

Incredible Inside & Out – As unique as your practice.

Built for highest demands: incredibly user-friendly thanks to EliSense information system via LED indicators and display.

Overall dimension: 465 x 452 x 646 mm

Weight: 42.5 kg, 44 kg

Working range: 7 to 15 cycles

Lara 17 loads: maximum solid 4.5 kg/typical 2 kg/maximum porous 1.5 kg

Lisa 22 loads: maximum solid 5.5 kg/typical 2 kg/maximum porous 2 kg

17L ~~£6,642~~  
**£4,559**  
+VAT

22L ~~£7,461~~  
**£5,121**  
+VAT

SKU: 19941120, 19942120

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**Price Includes: Delivery**  
Contact us for Installation Cost.

## Lara XL B type Sterilizer

Lara XL will exceed your expectations.

The W&H Lara sterilizer range provides an innovative midrange sterilizer with unique upgradeability for future or individual demands.

Overall dimension: 492 mm x 455 mm x 614 mm  
Weight: 54 kg  
Working range: 7 to 15 cycles  
Max. load: Instruments: 7 kg/porous: 2,3 kg/containers: 9 kg  
Chamber Size: 28L

£8,230  
**XL £5,648**  
+VAT

SKU: 19933110



**Price Includes: Delivery**  
Contact us for Installation Cost.

## Lisa B Type Sterilizer

Incredible Inside & Out - As unique as your practice.

The Lisa sterilizers – built for highest demands: incredibly user-friendly thanks to EliSense information system via LED indicators and display.

Overall dimension: 465 x 452 x 646 mm  
Weight: 46 kg, 47.5 kg  
Working range: 7 to 15 cycles  
Lara 17 loads: maximum 4.5 kg/typical 2 kg/maximum porous 1.5 kg  
Lisa 22 loads: maximum solid 6 kg/typical 2 kg/maximum porous 2 kg

£8,205  
**17L £5,467**  
+VAT

£9,286  
**22L £6,178**  
+VAT

SKU: 19931184, 19932184

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# Dental Decontamination Supplies: **LUBRICATION SYSTEMS**



**10**  
SECONDS

6mm Airline  
Required

## **Assistina Twin**

Increase your handpieces lifetime and reduce the costs of repairs!

With its innovative duo-chamber system, lubrication in record time and the environmentally friendly Care Set, it impresses all along the line.

W&H Assistina Twin is ergonomically designed to work effectively and efficiently making it even quicker and easier to maintain your handpieces through the innovative oil nebulization technology.

£3,108

**£1,554**  
+VAT

SKU: 19933110

quick  
connect  
by W&H



6mm Airline  
Required

## **Assistina One**

The ONE that speeds up MY daily operation

Fast, thorough and easy to use: Assistina One speeds up daily operations and facilitates dental handpiece care. With the shortest cycle time in its class and its high-quality care results, the innovative maintenance solution is a top dental device – designed for top dental professionals.

Entire lubrication and spray channel cleaning process only takes 18 seconds

Buy an Assistina One get a  
Care Set FREE OF CHARGE!



£2,105

**£1,100**  
+VAT

SKU: 30398003

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### Assistina Twin Care Set

W&H Assistina Twin Care Set to ensure the correct functioning of the Assistina Twin.



- Maintenance for your instruments safely and quickly.
- Its productivity is equivalent to 20 bottles of spray oil.
- With a fill level of 400 ml per spray oil bottle.

**£194.00**  
+VAT

SKU: 08064970

### Assistina One Care Set

Handpiece care with the W&H Assistina One Care Set is more cost-effective than manual lubrication or other systems.



#### Product Includes:

- 1 cartridge of Activefluid (200 ml)
- 1 cartridge of Service Oil F1 (200 ml)
- 1 HEPA filter

**£208.00**  
+VAT

SKU: 08064970



### Autoclave Dust Filter

- Large dust filter for Lisa pre-2019.
- Lina & MS-22 all models
- 400 cycles to protect internal components



**£20.00**  
+VAT

SKU: F364502X

### Dust Filter Small

- Lisa/Lara\*/Lyla current models.
- (LARA XL does not have a dust filter)
- 400 Cycle frequency.



**£19.00**  
+VAT

SKU: F364511X

### Door Seal

- W&H Door Seal for 800 Cycle frequency for Lisa/Lara/Lyla models.



**£53.00**  
+VAT

SKU: F460504X

### Bacterial Filter

For all W&H Sterilizers.

- Easy to install, no tools required.
- To prevent the penetration of the bacteria in the chamber during the sterilization process.



**£35.00**  
+VAT

SKU: W322400X

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# General Lubrication System

Maintenance for after use and before use



## STEP: 1

### PREPARATION

- Detach handpiece from tubing.
- Remove bur from Handpiece.
- **DO NOT submerge handpiece in any solution.**



## STEP: 2

### CLEAN

- Wipe away any external debris using a non-alcoholic approved disinfectant wipe.
- Using a dry tissue, remove any excess detergent leftover on the handpiece from the wipe.
- **DO NOT use any chemical solution or submerge in water.**



## STEP: 3

### CONNECT

- Select the appropriate motor for the handpiece model you are lubricating.
- Connect the motor securely to the lubrication system, ensuring a tight fit to prevent leaks during lubrication phase.

Make sure to point the handpiece heads towards the absorbent pads whenever available. If absorbent pads are not included as a standard part of the system, using clean paper towels for each cycle would suffice.

## Best practices for cleaning and maintaining Equipment:

**Avoid Chemical Disinfectants:** Refrain from using chemical disinfectants, abrasive cleaners, or antibacterial

**Avoid Submerging:** Avoid submerging any handpieces into any type of liquid for cleaning or disinfection.

**Avoid Ultrasonic Cleaners:** Do not utilize ultrasonic cleaners for cleaning any handpieces.

**Ensure Proper Installation:** Ensure all instruments are removed from your handpiece or equipment prior to c

**Autoclave:** When autoclaving, do not exceed a temperature of 138°C and do not overfill trays as this will prev



# System Guide.

## Autoclaving.



### STEP: 4

#### POWER

- Power on the lubrication system according to the manufacturer's instructions.
- Allow the lubrication system to run its cycle, ensuring that it completes the lubrication process thoroughly.
- Wait until the lubrication cycle finishes before proceeding to the next step.
- **Check absorbent pads or paper towels for any discoloration indicating oil contamination. If discoloration is observed, promptly seek guidance from MC Repairs.**



### STEP: 5

#### SEAL

- After lubricating the handpiece, remove it from the adaptor.
- Seal the pouch according to the manufacturer's instructions, ensuring a tight seal to maintain sterility.



### STEP: 6

#### STERILISE

- Before placing your equipment in the autoclave, ensure you've selected the correct cycle and verified that the autoclave temperature does not exceed 138°C
- Load the items to be sterilized into the autoclave chamber according to the manufacturer's guidelines.
- **For any further advice or guidance, don't hesitate to contact us.**

**Please Note:** these are generalised guidelines as recommended by MC Repairs Ltd. For exact guidelines, please refer to Lubrication System user manual.

soaps as cleaners.

cleaning and lubricating.

ent full sterilization.

# MCRepairs.

[www.mcrepairs.co.uk](http://www.mcrepairs.co.uk)

01253 404 774

# Dental Decontamination Supplies: **AUTOCLAVES / LUBRICATION**



## **NSK iMax S S-Type Autoclave**

The NSK iMax S S-Type Autoclave provides all the benefits of a traditional displacement autoclave but is effective for the correct sterilisation of handpieces.

20 min fast cycles for unwrapped loads.  
25 min handpiece cycle  
Affordable, effective upgrade from non-vacuum autoclaves  
Full vacuum drying phase (Dry handpieces!)

External dimensions: 60cm x 45cm x 43cm  
Max Load: 4kg (solid), 1.5kg (porous)

**£8,205**  
18L **£3,070**  
+VAT

SKU: DX91803S0200



## **NSK iClave Plus Autoclave**

The panel's sophisticated design and excellent visibility make it easy to operate and maintain, with color changes enhancing sterilization reliability.

Advanced heating system leveraging excellent thermal conductivity. NSK's innovative heating system optimises the high heat conductivity of copper.

External dimensions: 445 x 532 x 428 mm  
Maximum Power Consumption: 1,900W  
Air Expulsion System: Vacuum pump 1,3,4 vacuum  
Max Load: 4kg (solid), 1.5kg (porous)

**£8,205**  
18L **£3,995**  
+VAT

SKU: DXY1003077

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### **iCare Handpiece Oiling Unit**

NSK iCare Handpiece Oiling Unit sets a new standard for handpiece maintenance systems. In one stylish and compact body, it offers you both ease of use and multiple functions to achieve complete cleaning and lubrication.

Power Supply: AC 100-240V 50/60Hz  
Air Pressure: 0.5-0.6 MPa (5.0-6.0 kgf/cm<sup>2</sup>)  
Dimension: W280 x D240 x H350 (mm)  
Solution Tank Capacity: 1.2L

~~£2,570.00~~  
**C2 £1,190**  
+VAT

~~£2,701.00~~  
**C3 £1,190**  
+VAT

SKU: Y1002787, Y1002788



### **iCare+ Decontamination Unit**

Manual cleaning of instruments does not remove all deposits and residues. Dynamic instruments that are poorly maintained or not adequately cleaned may become damaged and pass on infections to both patients and practitioners.

Any instrument used in dentistry must be perfectly cleaned, disinfected and maintained. NSK is aware of the requirements in the daily practice of dentistry and, after many years of research, it has come up with a simple and effective solution thanks to iCare :

~~£5,618.00~~  
**C2 £3,995**  
+VAT

~~£5,618.00~~  
**C3 £3,995**  
+VAT

SKU: S102001, S103001

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# Dental Decontamination Supplies: ACCESSORIES

## NSK

PTL Adaptor

B2/M4 Adaptor

KV Adaptor

SR Adaptor

WH Adaptor

BA Adaptor

F-Type Adaptor

### iCare/iCare+ Adaptors

- NSK iCare Handpiece Adaptors for use with the NSK iCare and iCare C3 machine.

FROM

**£110.00**  
+VAT

SKU: Z1127010, Z1127011, Z1127013  
Z1127012, Z1127014



### HELIX Test

- Helix Test allows you to verify steam penetration into hollow instruments.
- Includes a tester and 250 indicators.

**£184.00**  
+VAT

SKU: DX9900059

### Mist Filter Set

- Pack of 12, for iCare/Care3 Plus.

**£24.20**  
+VAT

SKU: Y900159

### Regenerating Tabs

- A special effervescent tablet for cleaning the chamber.
- Removes limescale and dirt residue from the chamber.
- Box of 10

**£37.00**  
+VAT

SKU: DX0230050



## NSK



### iCare+ nClean

- Cleaning solution for NSK iCare Plus Maintenance System.
- 6 x 500ml Bottles

**£165.00**  
+VAT

SKU: ACL600

### Sealer Newseal

- With high output, easily and automatically seals envelopes before sterilization.

**£620.00**  
+VAT

SKU: DX100071



### iCare+ nCid

- Disinfection solution for use in NSK iCare+ Maintenance Unit.
- 6 x 500ml Bottles.

**£165.00**  
+VAT

SKU: ACD600

### Purity for iClave plus

- Fits on top of the iCare plus automatically filtering water from the mains supply.

**£1,120**  
+VAT

SKU: DX98018030



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# Dental Decontamination Supplies: LUBRICATION SYSTEMS

**KAVO**  
Dental Excellence



## **Kavo QUATTROcare PLUS 2124A**

The cost-efficient solution for optimum care and long-term maintenance of value.

KaVo QUATTROcare maintenance system, KaVo sets standards of efficiency for handpieces care. The complete care procedure for four handpieces, only takes one minute

- Very easy to use
- Four handpieces in one minute
- High efficiency
- Integrated chuck care program

£2,501.00

**£1,350**  
+VAT

SKU: 1.008.3805

**6 FREE cans with every  
QUATTROCARE order!**

**KAVO**  
Dental Excellence

## **QUATTROcare Plus Spray**

- Designed to clean, lubricate and purge your instruments with the simple push of a button.
- KaVo's QUATTROcare Plus Spray cleaning and care of instruments and air motors is easy. KaVo's QUATTROcare spray is designed specifically to withstand sterilisation.
- 1 x 500ml can
- Environmentally friendly propellant



**£39.95**  
+VAT

SKU: 1.005.4525

## **QUATTROcare Adaptors**

KaVo Quattrocure Adaptors & Chuck for 2104, 2104 A, 2124 A.



- KaVo QUATTROcare Adaptors connects the handpieces to the QUATTROcare maintenance system to be cleaned, purged and lubricated.

FROM

**£25.00**  
+VAT

SKU: 0.411.7603

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# Dental Decontamination Supplies: **AUTOCLAVES**



**Price Includes:  
Installation  
& Training**

## Mocom B Futura Autoclave

Designed to make your life easier, reduce costs and guarantee higher efficiency. Equipped with advanced connectivity and traceability systems.

The system boosts surgery efficiency by resolving demineralized water management problems, eliminating storage issues and component deterioration due to poor water quality.

External dimensions: 480 x 500 x 600 mm  
3 year or 3,000 cycle Warranty  
12 month tap water filter

17L	£4,950 <b>£3,995</b> +VAT	22L	£5,450 <b>£4,500</b> +VAT	28L	£5,950 <b>£4,995</b> +VAT
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SKU: bfutura17, bfutura22, bfutura28



**Price Includes:  
Installation  
& Training**

## Mocom B Classic Autoclave

The Mocom B Classic Autoclave makes work easier by optimising times and costs.

High-level quality and functions guarantee safety, reliability and ease of use. Three versions available: 17, 22 and 28 litres. Thanks to the same external dimensions and LCD display, B Classic is a perfect solution for everyone.

3 year or 3,000 cycle warranty

External dimensions: 445 x 532 x 428 mm

17L	£3,950 <b>£3,500</b> +VAT	22L	£4,450 <b>£4,000</b> +VAT	28L	£4,950 <b>£4,500</b> +VAT
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SKU: bclassic17, bclassic22, bclassic28

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**Price Includes:**  
Installation & Training

## Mocom Supreme Autoclave

A closed-loop sterilizer with an internal filtration system recycles water for reuse, reducing waste, costs, and increasing efficiency in dentistry surgeries. It resolves demineralized water storage and supply issues.

50 sterilization cycles with just 5 litres of tap water.

External dimensions: 480 x 500 x 600 mm  
3 year or 3,000 cycle Warranty  
12 month tap water filter

	£5,950		£6,450		£6,950
17L	<b>£4,995</b>	+VAT	22L	<b>£5,500</b>	+VAT
			28L	<b>£5,995</b>	+VAT

SKU: supreme17, supreme22 supreme28



**Price Includes:**  
Installation, Training & commissioning

## Mocom Tethys H10 Plus

The Evolution of Disinfection

Designed to give you the best. The best performance in a simple and fast work-flow. An innovative device that replaces the numerous manual tasks typical of the stages preceding sterilization, thus reducing the operator's workloads. Tethys H10 Plus makes the instrument reconditioning process even simpler and more functional.

3 year or 3,000 cycle warranty

Price includes: Installation, Training, Commissioning.

£4,500
<b>£3,750</b>
+VAT

SKU: TethysH10

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# MELAG



Delivery and Installation priced on Request

## MELAG Careclave 618 Autoclaves

Device dimensions (W x H x D): 48 cm x 50 cm x 65.3 cm, height incl. display 56.2 cm, Careclave fits on a 60 cm deep work surface

Weight: 69 kg

Chamber size / volume: Ø 25 cm x 35 cm long / 18 L

Chamber load quantity: max. 11 kg instruments / 2 kg textiles

£13,195  
18L **£10,995**  
+VAT

SKU: ME10618

## Time to care for #Patients

Feel good – not just about instrument reprocessing, but also about patient treatment!

Careclave combined the entire reprocessing workflow in only one device in order to provide the highest level of safety and efficiency.



### Carebox

Do you need transmission or prophylaxis instruments for the next treatment as quickly as possible? Then reprocess up to 8 hollow body instruments in your Carebox.



### Carebox & trays

Would you like to enhance the efficiency of your staff? Then benefit from reprocessing and lubrication in the Carebox and sterilization of up to 8 trays for further instruments in just one cycle.



### 1. Cleaning & disinfection

The perfect duo for your workflow: Careclave and Carebox guarantee the best cleaning and disinfection outcomes for the reprocessing of 8 transmission instruments, prophylaxis handpieces or ultrasonic scaler tips in only 16 minutes.

### 2. Lubrication

The Carebox not only ensures perfect care of your transmission instruments, but minimizes wear. And that is not all: The unique ADDcare station even performs the lubrication of the chuck system directly at Careclave after the end of a program.

### 3. Sterilization

Careclave also provides everything you expect from a modern Class B steam sterilizer – and even more: Sterilize up to 11 kg of instruments in record time due to the patented Double Jacket Technology and DRYtelligence.

### 4. Documentation & approval

Perform the documentation process directly on the large Smart-Touch Display without any extra software solution. ProControl provides digital proof of a successful reprocessing procedure quickly, safely and paper-free via an USB flash drive or network.



### 4-in-1 Solution

Cleaning, disinfection, lubrication and sterilization in one unit



### Carebox Blue

Reprocessing and lubrication of up to 8 handpieces



### Carebox Green

Reprocessing of 8 ultrasonic scaler tips



### ADDcare

Chuck care directly on the device

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