

**Catalogue**

Touch screen



**MHC 30**  
 Ultrasonic power 120 W / 40 kHz  
 Timer 1 ~ 99 minutes  
 Tank dimensions 240mm X 140mm X 100mm  
 Weight 5 Kg

3 L



**MHC 30C**  
 Ultrasonic power 120 W / 40 kHz  
 Heater power 150 W  
 Timer 1 ~ 99 minutes  
 Temperature 20°C ~ 80°C  
 Tank dimensions 240mm X 140mm X 100mm  
 Weight 5,5 Kg



**MHC 50**  
 Ultrasonic power 120 W / 40 kHz  
 Timer 1 ~ 99 minutes  
 Tank dimensions 240mm X 140mm X 150mm  
 Weight 5.5 Kg

5 L



**MHC 50C**  
 Ultrasonic power 120 W / 40 kHz  
 Heater power 150 W  
 Timer 1 ~ 99 minutes  
 Temperature 20°C ~ 80°C  
 Tank dimensions 240mm X 140mm X 150mm  
 Weight 6 Kg



**MHC 70**  
 Ultrasonic power 240 W / 40 kHz  
 Timer 1 ~ 99 minutes  
 Tank dimensions 505mm X 140mm X 100mm  
 Weight 8,5 Kg

7 L



**MHC 70C**  
 Ultrasonic power 2400 W / 40 kHz  
 Heater power 350 W  
 Timer 1 ~ 99 minutes  
 Temperature 20°C ~ 80°C  
 Tank dimensions 505mm X 140mm X 100mm  
 Weight 9 Kg



**MHC 100**  
 Ultrasonic power 240 W / 40 kHz  
 Timer 1 ~ 99 minutes  
 Tank dimensions 305mm X 245mm X 150mm  
 Weight 9,5 Kg

10 L



**MHC 100C**  
 Ultrasonic power 240 W / 40 kHz  
 Heater power 350 W  
 Timer 1 ~ 99 minutes  
 Temperature 20°C ~ 80°C  
 Tank dimensions 305mm X 245mm X 150mm  
 Weight 10 Kg



**MHC 130**  
 Ultrasonic power 300 W / 40 kHz  
 Timer 1 ~ 99 minutes  
 Tank dimensions 330mm X 300mm X 150mm  
 Weight 13.5 Kg

13 L



**MHC 130C**  
 Ultrasonic power 300 W / 40 kHz  
 Heater power 450 W  
 Timer 1 ~ 99 minutes  
 Temperature 20°C ~ 80°C  
 Tank dimensions 330mm X 300mm X 150mm  
 Weight 14 Kg



**MHC 190**  
 Ultrasonic power 300 W / 40 kHz  
 Timer 1 ~ 99 minutes  
 Tank dimensions 330mm X 300mm X 200mm  
 Weight 16 Kg

19 L



**MHC 190C**  
 Ultrasonic power 300 W / 40 kHz  
 Heater power 450 W  
 Timer 1 ~ 99 minutes  
 Temperature 20°C ~ 80°C  
 Tank dimensions 330mm X 300mm X 200mm  
 Weight 17 Kg

# Ultrasonic Cleaner 2 in 1

Can be used built-in or on your table

**Filling - Draining - Rinsing**

**AUTOMATIC**





**Technical characteristics**

- Ultrasonic power: 200W
- Number of transducers: 4
- Cleaning frequency: 40 KHz
- Heating power: 120W
- Dimensions of the tank (mm): 290 X 164 X 195
- Overall dimensions W x L x H: 400 X 340 X 340
- Useful volume of the tank: 8L
- Color touch screen: 10 cm
- Weight: 16 kg

- USB: Historical cycle report
- Drain: Solenoid valve
- Function: Degas and sweep
- Lid lock: Yes
- Ultrasonic tank: For table or built-in
- Cassettes: Holds up to 5 cassettes

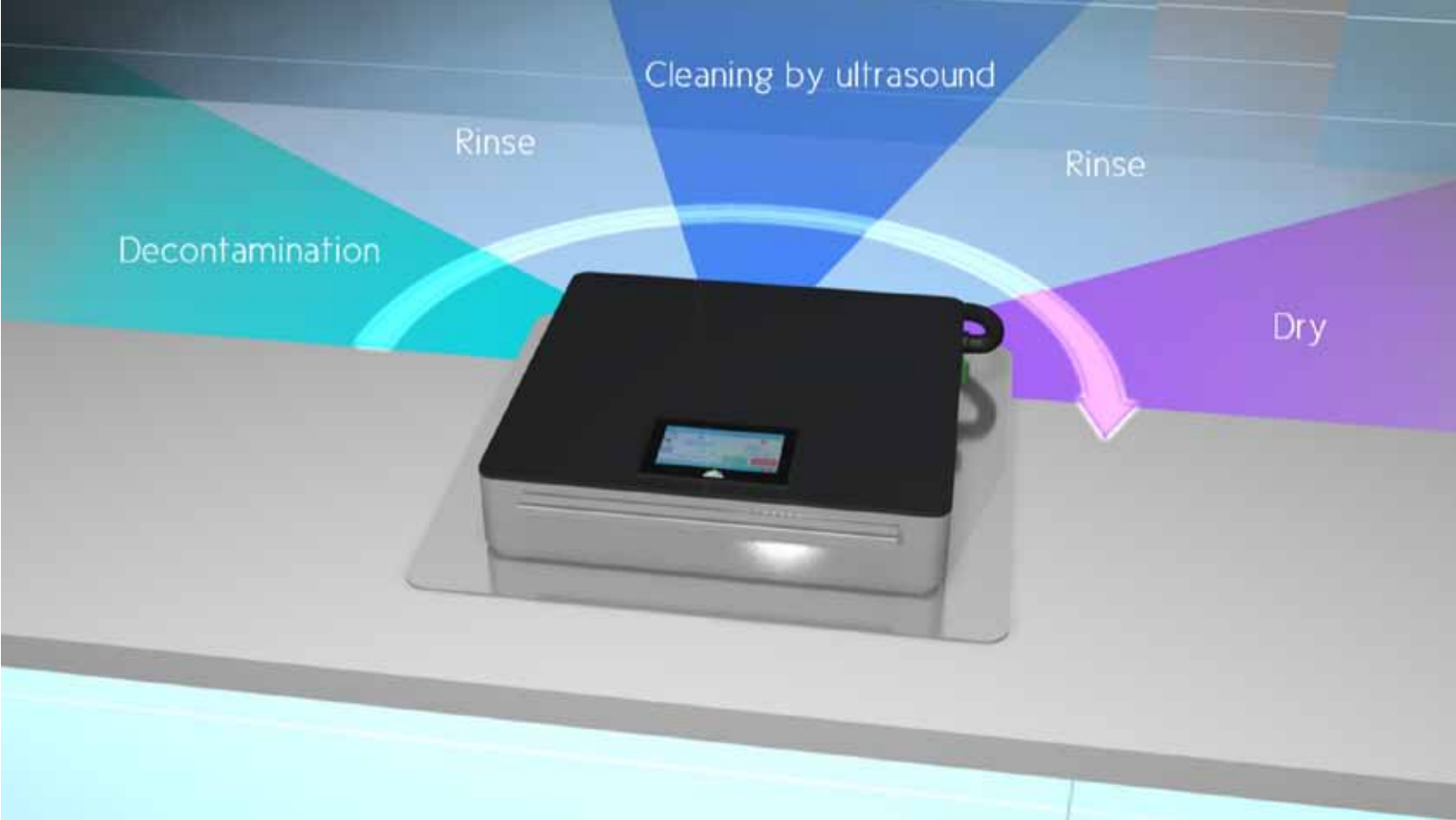
Reference	Designation
MHC80NE	Ultrasonic cleaner 2 in 1

**2 YEARS WARRANTY**

# AutoClean MED<sup>®</sup>

AUTOMATIC  
WASHER & DECONTAMINATION  
BY ULTRASOUND  
LARGE CAPACITY





**AutoClean MED®** Latest generation washer-disinfector.

Its 19L tank allows it to manage a large instrumentation capacity in one go.

Completely automatic, it saves precious time for decontamination and washing work.

Thanks to its modern design, **AutoClean MED®** will fit into all dental practices.

Its touch panel control is intuitive: it allows consultation of usage history and also gives the possibility of manual use.

- Automatic cycle
- Economic use
- Optimize your assistant's time
- Reduce the congestion

**Technical characteristics**

- Ultrasonic power: 450W
- Number of transducers: 8
- Cleaning frequency: 38 ~ 42 KHz
- Heating power: 240W
- Dimensions of the tank (mm): 325 X 300 X 200
- Overall dimensions W x L x H: 490 X 460 X 500
- USB: Historical cycles report
- Drain: Motorized valve
- Function: Manual / Automatic
- Lid lock: Stop cycle
- Volume of the tank 19L
- Useful volume of the tank: 15L
- Color touch screen: 10 cm
- Weight 28 kg

- ISO 15883-1
- MDR 2017/745 (EU)
- Medical device Classe IIB

Reference	Designation
MHC190A	Automatic Cleaning & decontamination machine
MHC190B	Decontamination solution (5L)
MHC190C	Cleaning solution (5L)





# Cleaning chain

(available in 10L, 13L and 19L, delivered with basket and lid)

- 1** Decontamination tank
- 2** Recessed ultrasonic tank
- 3** Rinsing tank
- 4** Dryer of instruments







# Built-in ultrasonic cleaner

## 5 L - 10L - 13L - 19L



Portable control panel



Recessed control panel

An innovative ultrasonic cleaner with a portable and/or built-in touch control panel. You can position it within a radius of 1 m around the ultrasonic tank.

This allows you to have a clean and easy to clean work area.

It has the same features and functionality as the heated standing tanks.

Draining is done directly from the touch control panel.

Reference	Volume	Frequency	Ultrasonic power	Heat power	Timer	Temperature	Tank (mm)	Weight
MHC 50E	5L	40 KHz	120 W	200 W	1 ~ 99 min	20 - 80°C	240 x 140 x 150	7 Kg
MHC 100E	10L		240 W	350 W			305 x 245 x 150	12 Kg
MHC 130E	13L		300 W	450 W			330 x 300 x 150	15 Kg
MHC 190E	19L		450 W	650 W			330 x 300 x 200	18 Kg

Technical Informations	5L	10L	13L	19L
Dimension of the tank	240x140x150	305x245x150	330x300x150	330x300x200
Required space on working area	420x320	420x480	490x460	490x460
Required space under working area	300x170x260	360x280x280	380x340x310	380x340x450
Dimensions of cutting	320x190	380x300	390x360	390x360
Dimensions of control panel	220x200x50	220x200x50	220x200x50	220x200x50
Weight	7Kg	12 Kg	15 kg	18 kg

Reference	Designation
MHC50E	Built-in tank 5 L
MHC100E	Built-in tank 10 L
MHC130E	Built-in tank 13 L
MHC190E	Built-in tank 19 L

### ACCESSORIES

Reference	Description
MHC 30A	Beaker Support
MHC 30B	Beaker 500 ml
MHC 30P	Basket 3,5,7,8,10,13,19L



**2 YEARS WARRANTY**

*Delivered with basket and lid*



# Dryer MHC 130S

Dryer and rinsing tank of 10L, 13L or 19L



## Fast drying of your instruments

- Baskets (10L, 13L and 19L)
- Cooling cycle

Drying and rinsing tank 10L, 13L or 19L

### Technical characteristics

- Heating power: 1000W
- Glass: Tempered glass
- Control: Touch screen
- Hinge: With integrated cylinder
- Overall dimensions W x L x H: 380 x 360 x 70
- Weight: 12 kg

Reference	Designation
MHC130S	Dryer
MHC100ST	Dryer + rinsing tank 10L
MHC130ST	Dryer + rinsing tank 13L
MHC190ST	Dryer + rinsing tank 19L
MHC10T	Soaking tank 10L
MHC13T	Soaking tank 13L
MHC19T	Soaking tank 19L

# OZONE

## Kona Infection Control - "KIC" TAP

Chemical FREE - Environmentally Safe and Effective Infection Control

Unlike ordinary taps KIC TAPS are the ONLY PATENTED scientifically proven, environmentally friendly, and easily installed ANTI-MICROBIAL TAPS featuring on-demand Aqueous Ozone Infection Control 24 HOURS A DAY which kills bacteria and viruses within seconds of contact and leaves no toxic chemicals or residue behind.

Ozone is about 50 times more powerful than chlorine and kills bacteria and viruses 3000 times as fast, which means you get instant disinfection response with very low concentrations. The truly unique property of ozone is that it destroys biofilms.



## Use in dentistry and healthcare

Topical use of ozonated water in dentistry leverages the antimicrobial and immune stimulating properties of Ozone. Ozonated water has been suggested as an alternative pre-procedural rinse to existing agents such as chlorhexidine and essential oils. Ozone in water can kill bacteria and other pathogenic microorganisms by rapidly rupturing their cell membranes (within several seconds). The same effects occur when dental plaque is exposed to ozonated water as a rinse. Ozonated water has no side-effects such as unpleasant taste or tooth staining, which are characteristic of other biocides or disinfecting agents.

## DESCRIPTION :

### Sensor Faucet - TALL Spout

Ref. SEW-O3-03-SN

Material: Brass

Finishing: Brushed Nickel

Size of Faucet: 215mm(L) x 403mm(H) x  $\varnothing 40 \pm 2$ mm(I.D.)

Function: For washing (Ozone cold water)

Feature: Water flows continuously when remove hands from detection area, water cuts off when placing hands again.

### Sensor Faucet - SHORT Spout

Ref. SEW-O3-01-SN

Material: Brass

Finishing: Brushed Nickel

Size of Faucet: 160mm(L) x 303mm(H) x  $\varnothing 40 \pm 2$ mm(I.D.)

Function: For washing (Ozone cold water)

Feature: Water flows continuously when remove hands from detection area, water cuts off when placing hands again.



# SEALING MACHINE



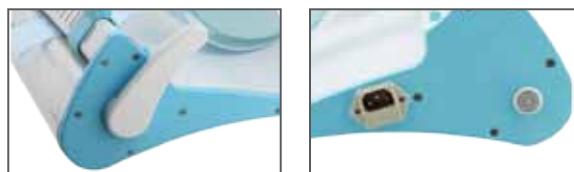
## Technical informations

Power supply	AC 230V - 50 Hz
Power	100 W
Sealing temperature	220°
Maximum roll length	300 mm
Sealing width	12 mm
Temperature setting	Automatic
Pre-heating	3 min
Dimensions (mm)	440 x 340 x 210
Weight	7,5 kg

Reference	Designation
MHC521	Sealing Machine

This new Sealing machine combines a modern design and a robust fabrication. Completely made of aluminum it is resistant to all temperatures.

The MHC 521 offers an automatic heating system control as well as a light which indicates the end of the weld.



## Material: Aluminium

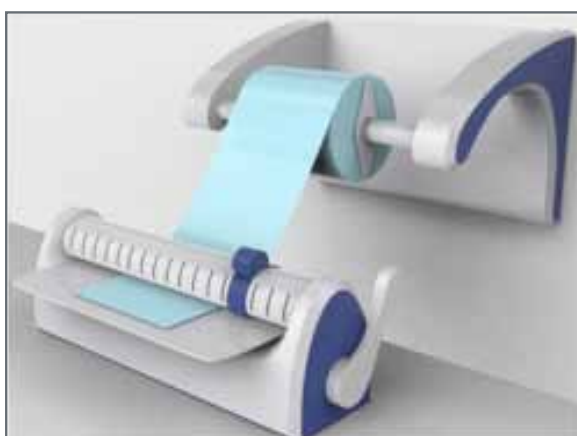
The MHC 522 heat sealer is microprocessor controlled.

The temperature is automatically adjusted to prevent burning of the sterilisation bags.

A beep sound and a light informs when the sealing operation is finished.



## Material : Coated Steel

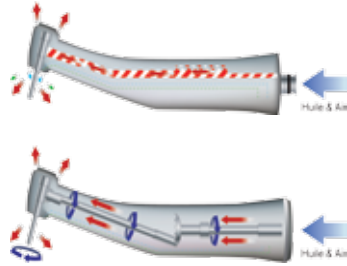


## Technical Information

Power supply	AC 230V - 50 Hz
Power	100 W
Sealing temperature	220°
Maximum roll length	300 mm
Sealing width	12 mm
Temperature Setting	Automatic
Pre-heating	3 min
Dimensions (Lxlxh)	460 x 380 x 290 mm
Material	Coated steel
Weight	8 kg

Reference	Designation
MHC522	Sealing machine

## CLEANING AND LUBRIFICATION



### Turbines

The most important components of the turbine as well as the air- and water tubes are thoroughly cleaned and lubricated.

### Handpiece

The handpieces integrate mechanisms through which the speed of the rotations can be changed. These require a regular maintenance in order to conserve their initial operating performance.

Good and regularly cleaning and care are necessary to ensure the long-life cycle of your instruments.

MHC guarantees an automatic cleaning and lubrication.

Its ease of use makes it accessible for everyone.

### Lubricator Machine

Power supply	AC 230V - 50 Hz
Air Pressure	350 ~ 600 Kpa
Reservoir capacity	350 ml
Dimensions	285 x 355 x 275
Weight	7,5 kg

Reference	Designation
MHC350	2 Turbines 1 Counter-angles
MHC350A	1 Turbines 2 counter-angles

## WATER DISTILLER

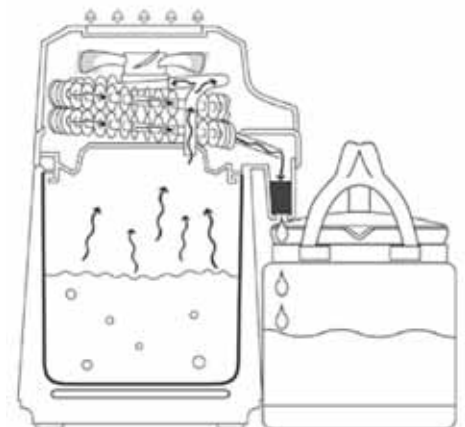


**The Water distiller MHC** produces perfectly pure water by distillation. The machine heats the water up to 100° which rises up as steam to the condenser.

The process of distillation kills all bacteria, viruses and other water existing micro-organisms, while the other materials (solid or liquid as e.g. scale, pesticide, ...) remain in the container.

In the serpentine cooler the steam converts to water before it is let through an activated carbon filter in a second cleaning process.

## Security of DAC autoclaves



### Water distiller

Power supply	AC 230V - 50 Hz
Power	750 W
Tank capacity	4L
Speed distillation	0,7 to 1L/h
Safety temperature	160°
Weight	4 Kg

Reference	Designation
MHC400	Water distiller
MHC400A	Activated carbon
MHC400B	Decalcifier

## MOBILE DENTAL UNIT

### CART Eco

This mobile pneumatic unit is self-powered water by a bottle.  
This cart is stable and easy to use.  
The selection of the instruments is automatic.

It contains:

- 1 3-function syringe (air, water and spray).
- 3 midwest 4 hole hose adapters
- Autonomous function (sterile water).
- Progressive disc pedal

### Technical specification:

Mobile dental unit	
Air pressure	400 ~ 500 Kpa
Flow capacity	50 L/min
Water pressure	200 Kpa
Dimensions (mm)	540 x 470 x h750
Weight	15 kg
3-way syringe	yes
Cord Midwest	3
Reference	Designation
MHC703	Mobile dental unit



### CART

This all-air mobile dental unit is self-powered water by a bottle.  
The height is electrically adjustable to adapt to all situations.  
This mobile dental unit is stable and easy to use.  
The height can be adjusted electrically to suit all types of situations.  
Air or water adjustment for each instrument.

It contains:

- A 3-function syringe (air, water and spray).
- 3 midwest 4 hole hose adapters
- Adjustable instrument spray
- Autonomous function (sterile water).
- Progressive disc pedal
- Height electrically adjustable by button.

### Technical specification:

Mobile dental unit	
Air pressure	400 ~ 500 Kpa
Flow capacity	50 L/min
Water pressure	200 Kpa
Dimensions (mm)	540 x 470 x h750
Weight	40kg
3-way syringe	yes
Cord Midwest	3
Reference	Designation
MHC700	Mobile dental unit
Lighting option	
Micromotor option (electric compatible with MC3 LED)	



**Integrated Compressor  
Micromotor included**



**AUTONOMOUS MOBILE DENTAL UNIT**

It is equipped with all the necessary equipment for special care. This mobile cart can be used anywhere anytime. All you need is an electrical outlet.

Includes:

- 2 Air pressure instrument outputs (Midwest)
- 1 Syringe 3-way with replaceable tip
- 1 Saliva pump
- 1 Autonomic water supply system
- 1 Bottle to collect waste products
- Individual adjustment of the spray for rotating instruments
- 1 compressor without oil

**Autonomous Mobile Dental Unit**

Power supply	AC 230 V - 50 Hz
Power	600w
Air pressure	400 ~ 500 Kpa
Flow capacity	40 L/min
Water pressure	200 Kpa
Dimensions (mm)	550 x 480 x 1040
Weight	60 kg

Reference	Designation
MHC701	Mobile treatment unit

**AUTONOMOUS PORTABLE DENTAL UNIT**

Includes:

- 1 Pedal control of the instruments
- 2 Air pressure instrument outputs
- 1 Syringe 3 functions
- 1 Saliva pump
- 1 Autonomic water supply system
- 1 Bottle to collect waste products
- Individual adjustment of spray
- 1 Compressor without oil

**Portable Dental Unit**

Power supply	AC 230 V - 50 Hz
Power	600w
Air pressure	400 ~ 500 Kpa
Flow capacity	40 L/min
Water pressure	200 Kpa
Dimensions (mm)	540 x 400 x 620
Weight	30 kg

Reference	Designation
MHC702	Portable Dental Unit



**Integrated Compressor  
Micromotor included**

MHC702: Its mobility as well as its rapid startup makes it a particularly useful tool, which can be used anywhere.

**MOBILE SUCTION**

- The MHC 800 is a mobile and efficient suction device, which does not need any additional equipment. An electrical supply is sufficient.
- Because the acoustic signal is very weak, it can be perfectly integrated next to the dentist's chair or can be changed due to the needs of the practice.
- The MHC 800 is easy to install and can therefore be very useful in case of a breakdown of a classical suction device.
- The MHC 800 can be emptied through the junction of the internal reservoir.
- The MHC 800 is robust and barely needs any maintenance.

**Mobile suction**

Power supply	AC 230 V - 50 Hz
Power	0,5 kw
Max flow capacity	1300 L/min
Noise level	56 dB
Dimensions (mm)	450 x 320 x 865
Weight	30 Kg

Reference	Designation
MHC800	Mobile suction

\* Suction only, without amalgam separator





This new LED lamp eliminates shadows on the operating field.

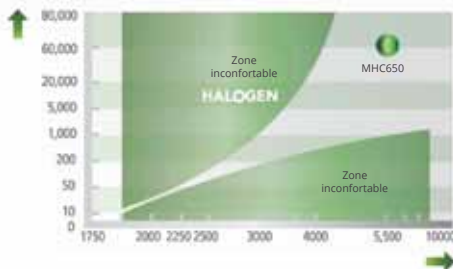
The MHC650 provides natural light with superior colour rendering performance.

The 9 levels of light intensity (10,000 ~ 60,000 Lux) can be easily adjusted to suit any desired ambient light conditions.

### VISUAL COMFORT

The MHC650's light intensity and colour temperature are perfectly tuned and adjusted for eye comfort.

The MHC650 removes all shadows, corrects colours consistently and reduces eye strain during extensive dental procedures.



### EXCELLENT COLOR RENDERING

The MHC 650 uses LEDs with high colour rendering properties to be as close as possible to natural light.



### COOLING SILENTLY

LED technology produces little heat compared to conventional quartz-halogen lighting.

The fanless cooling system allows optimal heat dissipation and prolongs the life of the LEDs while providing quiet and comfortable operation.



- Dome diameter : 30 cm
- Light intensity : 10 000 ~ 60.000 Lux
- Lights setting: 9 levels, from 20 to 100 %
- Light fields diameter : 20 cm
- Colour rendering index : < 90%
- Colour temperature : 5 500 K
- Lighting source : 6 LED
- Lifespan of the lamp 50 000 h



Reference	Designation
MHC651	Ceiling Surgery Lighting
MHC652	Mobile Surgery Lighting
MHC653	Seat Surgery Lighting





Power Supply	230 V - 50 Hz
Lighting Power	100.000 lux
Lighting variation	From 5.000lux to 100.000lux
Color temperature	3800 / 4300 / 4800 k
Color Rendering Index	90
Focusable Working Distance	70 - 160 cm
Focus	18 ~ 30 cm
Head Size	35 cm
Led Amount	18
Handle	Removable / Sterilizable

Reference	Designation
MHC640	Ceiling Fixing
MHC641	Wall Fixing
MHC642	Mobile
MHC643	Double ceiling fixing (on demand)



- 1 Light intensity indicator
- 2 Control button of light intensity
- 3 Colors temperature indicator
- 4 Control button of colors temperature
- 5 On / Off button



### Lighting Intensity

5 levels of setting (max.100 000 lx)



### Size of the lightfield

3 levels of settings ( min.18 cm / max.30 cm)



### Colors temperature

3 800 K / 4 300 K / 4 800 K

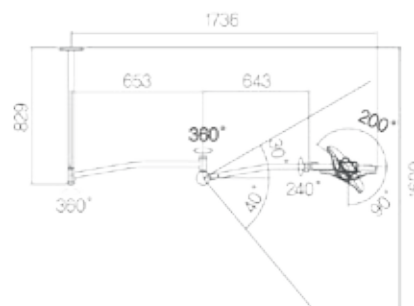
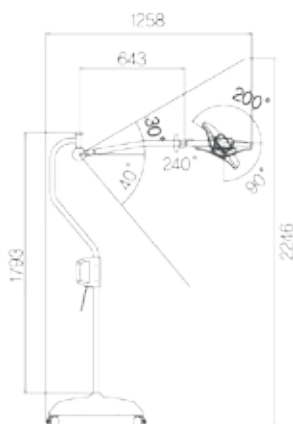


### Color Rendering Index

Ra 90

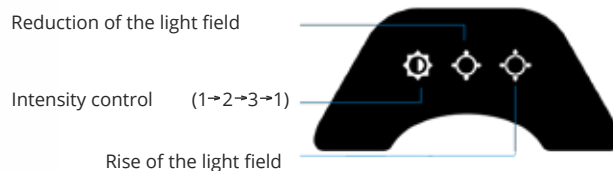


- Rotative handle to select the focal length
- Removable and sterilizable handle





**Tactile controls from the handle**



Power supply	230 V - 50 Hz
Lighting power	130.000 lux
Lighting Variation	From 40.000lux to 130.000lux
Colors temperature	3800 / 4300 / 4800 k
CRI	95 / 96%
Focusable work distance	70 - 160 cm
Focus	15 ~ 25 cm
Head size	44 cm
Number of Leds	42
Handle	Removable / Sterilizable
Reference	Designation
MHC655	Ceiling fixing
MHC656	Wall Fixing
MHC657	Mobile
MHC658	Double ceiling fixation (on demand)



**Lighting intensity**  
3 levels of setting (max.130 000 lx)



**Lightfield size**  
3 levels of setting (min.15 cm / max.25 cm)



**Colors temperature**  
3 800 K / 4 300 K / 4 800 K



**Colors rendering index**  
Ra 96 / R9 95



**3 different modes**  
Surgical mode (130 000 lx)  
Operation mode (60 000 lx)  
Dental mode (30 000 lx)

**Dental mode**

- Dental Lighting ON / OFF
- Intensity control

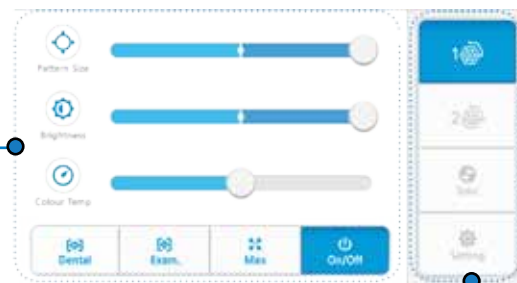
**Mode of operation**

- Operation lighting ON / OFF
- Intensity control and colors temperature

**Maximum lighting mode**

- 3 Levels of light field
- 3 Levels of light field

**Lighting turn on / turn off**

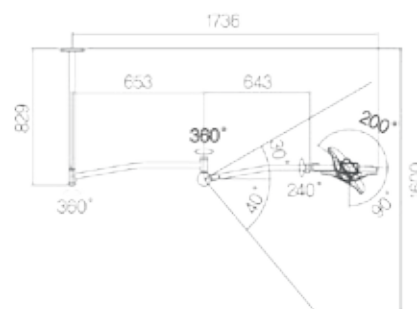
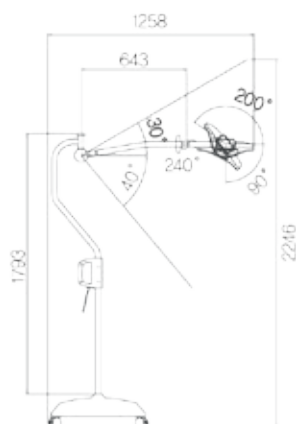


**Lighting control (1 or 2)**

- Lighting mode 1 / mode 2
- Lighting ON / OFF
- Size of the light field, intensity, colors temperature

**Synchronization mode**

- Duo lighting synchronization (1 and 2)





This light uses the latest generation of LEDs, which gives it a homogeneous light, without shadows, and its clarity does not tire the surgeon's eye.

My Light does not emit heat, UVA and infrared rays.

My Light avoids the hardening of polymerization resins.

Each light block can be independently adjusted with the fingertip via a modern touch control panel.

My Light is equipped with 3 adjustable recording programs.

Power supply	Prim 230 V - 50 Hz / sec 33 vcc
Power consume	55 w
Lighting power	130.000 lux
Lighting variation	From 10.000lux to 130.000lux
Colors Temperature	4000°k
CRI	95%
Focusable working distance	70 - 160 cm to 10 cm
Weight of lighting	5,4 kg
Weight of the ceiling arm	15 kg
Weight of the wall arm	10,5 kg
Handle	Removable / Sterilizable

Reference	Designation
My Light P	Ceiling fixing
My Light M	Wall fixing



\* Only in direct reflection for the LED range

## The HIGH-PERFORMANCE Lighting

Its latest generation of fluorescent tubes and LEDs emit a daylight of 6500°K with a colour rendering index (CRI) of 98% for the tube and 85% for the LED. With a full and continuous spectrum, this lighting allows for easy distinction of colour nuances.

It has both direct and indirect lighting (ambient ceiling lighting, not available in LED).

In the Tube version, it is available with 2 types of diffuser:

- Boreal diffuses a real soft and pleasant northern light with its slightly opaque white plate.

- Tropical is a real tonic and invigorating light well thanks to its translucent granite diffuser.

Lighting in Lux	Boreal	Tropical	LED
1m	1700	3200	1800
1,20 m	1320	2500	1400
1,5 m	900	1700	1000

	TUBES	LED
Tubes	6 x T5 - 54 W	240 LED
Colors Temperature	6500° K	6500° K
Rendering of colors	> 98%	85,00%
Light flows	20.700 lm	11.200 lm
Dimensions (mm)	1280 x 600 x 65	1280 x 600 x 65
Weight	13 Kg	13 Kg

Reference	Designation
MHC660	Lighting with diffusor «Boreal»
MHC662	Lighting with diffusor «Tropical»
MHC663	LED Lighting

## Technical information

Tubes	6 x 58 W G13 CEL
Colors rendering	> 90 %
Colors temperature	6500° K
Light flows	27.300 lumen
Lux to 1,2m	1110 Lux
Dimensions (mm)	1570 x 470 x 94
Weight	10 kg

Reference	Designation
MHC665	6 tubes lighting

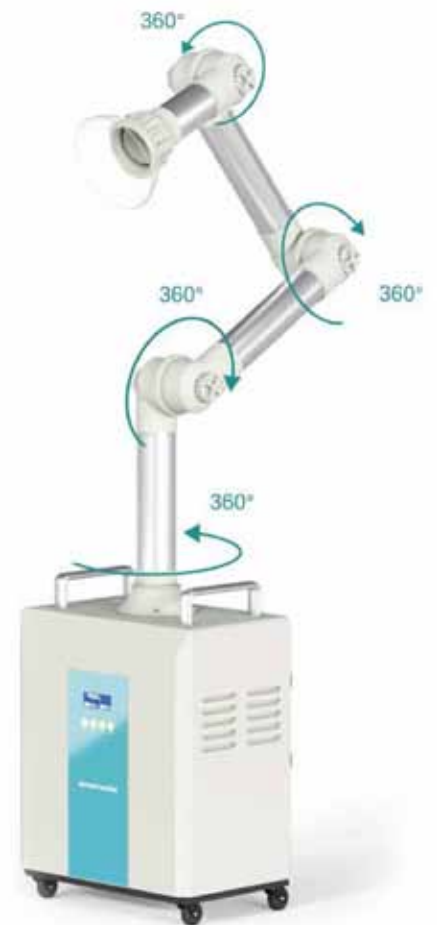


# Aerosols Suction

## Secure your operations



- Suction and filtering of the virus during operations
- Air purification of the dental office



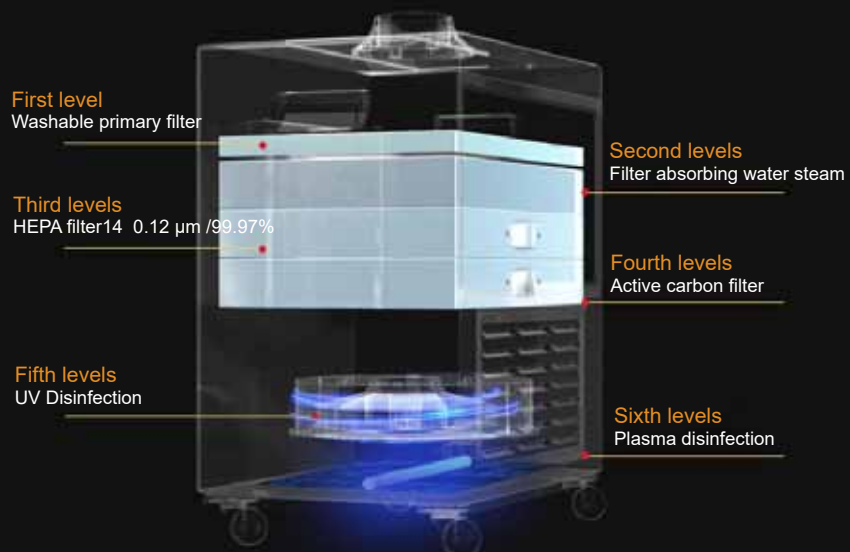
### Technical information

Power	220W
Air volume	350 m3/h
Number of speed	10
Set in motion	Control panel / Remote control
Noise	50 db
Filtering	0,12 µm / 99,97%
Tube length	1,4 m
Size (L x l x H)	400 x 255 x 595 mm
Weight	24 kg



## Security at **six levels**

### To work in complete confidence



## MICRO-BLASTER



### Micro - Blaster

This micro-blaster provides a fine jet of air / abrasive powder mixture.

### Area of application

- Cleaning of crowns, temporary crowns and brackets
- Removal of stains and discolouration
- Easy removal of cement and resin traces
- Creation of micro retentions.

Reference	Designation
MHC330	Micro-blaster
MHC330A	Alumine 50 µm (jar of 800 gr)
MHC330B	Alumine 90 µm (jar of 800 gr)

## VACUUM FORMING MACHINE

### Thermoformer

Alimentation	AC 230V - 50 Hz
Power Heating	450 W
Power Motor	1400 W
Dimension Plates	to 6 mm
Round Plate	of Ø120 to Ø 134 mm
Square Plate	of 120x120 mm to 130x130 mm
Dimension	180 x 230 x 290 mm
Weight	5,2 kg

Reference	Designation
MHC530	Vacuum forming machine

With a modern design and easy to use format, this thermoformer is equipped with a resistor of the latest generation carbon fibre and a powerful engine for immediate suction.

The thermoformer MHC 530 is compatible with round or square plates.



## UNIVERSAL MIXING MACHINE



### Universal mixing machine:

- Accepts all capsules
- Controlled by a microprocessor
- Pulsing adjustable between 1 and 99 seconds
- Switches into safety mode when cover is opened
- Very quiet, robust and reliable model

### Dental Amalgamator

Power supply	AC 230V - 50 Hz
Power	200 W
Oscillation frequency	4500 oscillation/min
Amplitude	25 mm
Dimensions (cm)	25 x 21 x 13
Weight	3,5 Kg

Reference	Designation
MHC500	Mixing machine

## Light Dental loupe

Quick adaptation

Reference	Designation
LP-25	Light dental loupe x 2,5
LP-35	Light dental loupe x 3,5



Classic shape: corrective lenses adaptable



Sport shape

## Galilean Binocular Loupes

Classic or sport shape, light and comfortable, swivel support, inter-pupillary adjustment.

Reference	Designation
LP-CL340	Classic glasses 2,5 x 340
LP-CL420	Classic glasses 2,5 x 420
LP-SP340	Sport glasses 2,5 x 340
LP-SP420	Sport glasses 2,5 x 420

- Enlargement x 2.5
- Working distance: 340 mm or 420 mm
- Depth of field: 90 mm
- Width of field: 100 mm
- Weight : 75 g
- Angle of vision adjustable
- Simple setting of the convergence point
- Inter-pupillary setting



## SCRATCH BOX



This scratch box is equipped with a small suction and LED lighting for use with micromotor.

Its large screen allows you to see perfectly during work

Reference	Designation
MHC216	Scratch box

## SAND BOX

Sand container to be used for micro-blasting machine...  
It has a small blower that places the sand in suspension at the bottom of the chamber

Reference	Designation
MHC215	Sand box



## MICROMOTOR



Adjustable speed control with feet



Delivered either with:



Labo Handpiece (MHC 201A)



Motor type - E (MHC 201B)

### ■ Compact and ergonomic

Modern design  
Handpiece and burs rack integrated

### ■ Easy and safe to handle

Speed control per unity or variable pedal switch, switch of rotation direction

### ■ Retouching efficiency

2,8 Ncm

### ■ Convenient

Quiet without vibration or heat emission even after intensive use

### Technical specification:

	Handpiece Labo	Motor Type-E
Rotation speed	0 ~ 35.000	0 ~ 40.000
Torque	2,8 N.cm	2,8 N.cm
Power	DC 12V - 45 W	DC 12V - 35 W
Weight	208 gr	160 gr
Dimensions (mm)	Lg 154 - Diam 27,5	Lg 70 - Diam 23,7
Power supply	AC 230 V - 50 Hz	AC 230 V - 50 Hz
Weight individual item	1,45 kg	

Reference	Designation
MHC200A	Complete set with handpiece Labo
MHC200B	Complete set with Motor Type-E
MHC201A	Handpiece Labo
MHC201B	Motor Type-E

## MOBILE MICROMOTOR

Ideal for mobile use, combined with a modern design, it is not only reliable but also easy to use.

Mobile micromotor	
Voltage	12 V DC
Power	25 w
Battery	Lithium-Ion
Endurance	4 ~ 8 hours
Speed	30.000 tr/min
Weight	126 gr
Torque	2,9 N.cm
Dimensions handpiece	L131 x D 21.2 mm
Reference	Designation
MHC212	Micromotor handpiece Labo
MHC213	Micromotor Motor Type-E



## LABORATORY MICROMOTOR



- The MHC 210 is an induction micro motor (Brushless)
- Its considerable torque allows to deal with all kind of materials without overheating, even after longer use.
- The robust design generates less noise and vibration.
- It can be ordered with an adjustable speed, which can be controlled from the table, the knee or the foot at the same time.
- The digital LCD display permits to check the speed effortlessly during the work.
- The handpiece is light, ergonomic formed and compact, which accords a high comfort of use and reduces the fatigue while working

### Technical specification:

Handpiece	
Speed	1000 ~ 50.000 tr/min
Torque	7,8 N.cm
Power	230 W
Weight	238 gr
Dimensions (mm)	Long 159 - Diam 27
Control unit	
Power supply	AC 230 V - 50 Hz
Power	100 VA
Weight	3,1 kg
Dimensions (mm)	122 x 268 x 237
Reference	Designation
MHC210	Laboratory micromotor



## MICROMOTOR

■ **Compact and ergonomic**

Attractive, modern design, less space required on the workspace  
Power supply unit integrates the foot pedal

■ **Easy to use**

Foot-operated variable speed control

■ **Powerfull**

3,5 N.m ~ 40.000 tr/min

■ **Comfortable**

Quiet without vibration or heat emission, even under heavy use



Reference	Designation
MHC202A	Complete set with handpiece Labo
MHC202B	Complete set with Motor Type-E
MHC202A	Handpiece Labo
MHC202B	Motor Type - E

## MICROMOTOR

### SOFT START

### Micromotor LED NX

The LED NX micromotor offers a superior lighting quality than halogen lamps. It is silent and light (92 g), vibration free and offers a minimal heat emission at an unbeatable price-performance ratio.



#### Electric micromotor

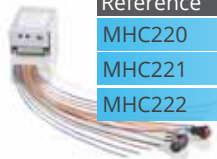
Type	brush, internal Spray
Speed	60 to 40.000 tr/min
Lighting	LED
Weight	92 gr
Torque	3 N.cm
Control unit	Pneumatic variable

#### Installation kit

Control unit (Adjustment unit for speed and direction change included)

#### LED Micromotor

Reference	Designation
MHC220	Micromotor set
MHC221	Spare micromotor
MHC222	MC3 Led compatible card



Compatible with  
MC3 led (Bien Air)

## DENTAL SCALER

### Ultrasonic generator with 3 operations modes:

Dental clearance, endodontic treatment and periodontal treatment. It has an integrated irrigation container, which can be filled with solutions like e.g. hydrogen peroxide, chlorhexidine or sodium hypochlorite.

Contents:

- 1 LED handpiece
- 2 Container 350 ml and 500 ml
- 1 Foot control
- 7 Tips
- 1 Torque wrench
- 1 Root canal treatment key
- 1 Root canal treatment drill chuck
- 4 Root canal treatment files
- 1 Stainless steel Support (for 6 Tips)

#### LED Dental Scaler Aqua

Water pressure	0,1 to 5 bars
Output power	3 to 20 W
Output oscillation frequency	28 khz
Tank capacity	1 x 350 ml + 1 x 500ml
Dimensions (mm)	237 x 206 x 95
Light	LED
Weight	1,3 kg

Reference	Designation
MHC562	Led Dental Scaler Aqua (compatible Satelec, NSK)
MHC563	Led Dental Scaler Aqua (compatible EMS)

## LED Lighting



Reference	Designation
MHC565	LED handpiece (compatible Satelec, NSK)
MHC566	LED handpiece (compatible EMS)
MHC567	Handpiece (compatible Satelec, NSK)
MHC568	Handpiece (compatible EMS)



SATELEC



SATELEC led



EMS



EMS led

**Handpiece compatible and adaptable with Satelec, NSK EMS**



### Use with or without cable

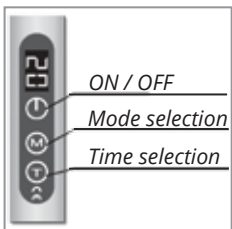
## Power 1200 mW/cm<sup>2</sup>



Power supply pack included



Charging station



ON / OFF

Mode selection

Time selection

**6 W LED** ultra efficient, new LED technology

**150 cycles** of 20 seconds, battery with a high performance and LED with a long durability (more than 2500 hours), display of a low battery, automatic switch off when not used

**3 Modes** of polymerization (full, progressive, pulse)

**4 Setting Time** (5, 10, 15, 20 seconds)

**Easy Use** Digital display, intuitive, ergonomic, robust and modern (handpiece made of anodized Aluminum)

#### Technical specification:

Lamp to polymerize	
Power Supply	AC 230V - 50 Hz
Type of battery	Lithium-Ion
Light intensity	1200 mW/cm <sup>2</sup>
Capacity of battery	3,7 V - 2200 mA
Optical guide	8 mm
Wavelength	440-480 nm
Charge time	2 hours
Autonomy	150 cycles of 10 s
Dimensions	180 x 24 mm
Weight	158 gr

Reference	Designation
MHC510	Wireless lamp + power supply
MHC510A	Lamp for chair + power supply

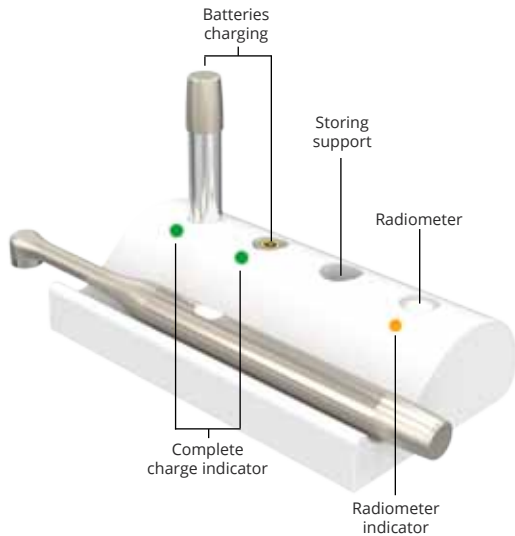
**1 YEAR WARRANTY**





# MX NANO

With a caries detection mode



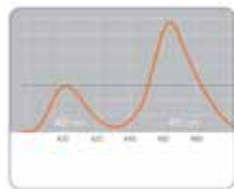
- The body is entirely made of metal;
- Lightweight and very thin (only 13.5 mm diameter)
- 360° swivel head
- Broad spectrum for polymerization: 385~515 nm
- Caries detection mode 40~420nm
- LED power control system (radiometer)
- Curing up to 10mm wide
- Curing depth up to 8mm
- Two batteries supplied as standard
- 200 cycles per battery
- Time 10 s and 20s



Power Supply	AC 230V - 50 Hz
Batteries type	Lithium-Ion
Lighting intensity	1200 mW/cm <sup>2</sup>
Light curing wavelength	385 ~ 520 nm
Wavelength	40 ~ 280 nm
Loading time	2 hours
Autonomy	200 cycles of 10 s
Dimensions	Ø 13.5 mm
Weight	60 gr
Reference	Designation
MHC514	<b>MX NANO DUAL</b>

# FLASH SPECTRE

**2500 mW/cm<sup>2</sup>**  
Up to 2 mm in 2 seconds



**DOUBLE LED  
WIDE SPECTRUM**

**2 YEARS WARRANTY**

**Optical guide 8 mm**

The high quality of the fiber glass improves the light emission

**An excellent heat transmission**

The dental curing FLASH has an aluminum body of industrial quality, which accords it a high robustness as well as an excellent heat transmission.



**Advanced control button / LED display**

The button with dual control function allows to change the following settings

- Power (1500 mW/cm<sup>2</sup> or 2700 mW/cm<sup>2</sup>)
- Time (depending on the selected mode)

**Well-engineered battery module**

A high performance lithium ion cell is installed in this battery module of medical quality, which gives it an amazing autonomy.

**Double Led technology**

The dental curing light **FLASH** integrates the latest LED technologies.

It combines an innovative concept with a modern design.

**FLASH** generates a powerful light force of 2700 mW/cm<sup>2</sup>, which guarantees curing in a few seconds.

In the standard mode, with 1500 mW/cm<sup>2</sup> **FLASH** can easily adapt to all situations.

At full power, it generates a powerful lightforce which generates an efficient polymerization, even when the tooth is not touched directly.

<b>Lamp to polymerize</b>	
Power Supply	AC 230V - 50 Hz
Type of battery	Lithium-Ion
Light intensity	1500 mW/cm <sup>2</sup> (standard)
	2700 mW/cm <sup>2</sup> ( <b>FLASH</b> )
Wavelength	430 - 490 nm
Charge time	2 hours
Autonomy	300 cycles of 10 s
Dimensions	155 x 30 mm
Weight	130 gr
Reference	Designation
MHC512	Lamp <b>FLASH</b>

## Saddle Stools

Saddle stools with or without backrest allow you to work in a dynamic position. They are ergonomic and comfortable. The positioning of the legs forms an angle allowing the pelvis to take an optimal position. Body parts are relaxed and upright, improving blood circulation while relieving back pain



### Assistant Saddle stool 1 position

- Height adjustable from 65 to 90 cm
- 50 cm chromed steel base
- Black or white medical skai coating

Reference	Designation
MHC630B	Assistant Saddle stool white
MHC630N	Assistant Saddle stool black



### 2 positions operator saddle stool

- Height adjustable from 65 to 90 cm
- Tilt adjustment + 3 ° / -11 °
- 60 cm aluminum base
- Black or white medical skai coating
- Option: adjustment of the height to the foot

Reference	Designation
MHC620B	Operator saddle stool white
MHC620N	Operator saddle stool black



### 3 positions operator saddle stool

- Fixed folder or follower for mobility without restraint.
- Height adjustable from 65 to 90 cm
  - Tilt adjustment + 3 ° / -11 °
  - Backrest with adjustable fixed or follower
  - Footrest included
  - 60 cm aluminum base
  - Black or white medical skai coating

Reference	Designation
MHC621B	Operator saddle stool white
MHC621N	Operator saddle stool black





### **Round Stool**

- Seat diameter: 40 cm
- Height adjustable from 65 to 90 cm
  - 50 cm chromed steel base
  - Black medical skai upholstery

Reference	Designation
MHC631	Round stool



### **Round stool with backrest**

Fixed file or follower for a mobility without constraint.

- Height adjustable from 65 to 90 cm
- Tilt adjustment + 3 ° / -11 °
- Backrest with adjustable fixed or follower
- Footrest included
- 60 cm aluminum base
- Black or white medical skai coating

Reference	Designation
MHC631B	Round stool white
MHC631N	Round stool black





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