

Sterilization, Hygiene and Maintenance

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or **wh.com**



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our patients,
lf.

COMPANY

Product overview for Thed+/Thed, Assistina Twin, Assistina One

Product overview for Lisa, Lisa Mini, Lara XXL, Lara XL, Lara, Lina, Lyla, Lexa

CLEANING AND DISINFECTION

Thed+/Thed, U-Son

REPROCESSING

Assistina Twin, Assistina One

Q-Dry

System overview adaptors

STERILIZATION

Lisa, Lisa Mini, Lara XXL, Lara XL, Lara, Lina, Lyla, Lexa

Accessories

SEALING

Seal²/SealVal²

SECURE PACKAGING

EliReel

WATER TREATMENT

Multidem, Osmo, Water Distiller, Dist 3

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orlwide
i in Berlin by
go Hampel
in
veden
countries
5%

W&H Dentalwerk
Bürmoos (A)

The stakes are
We are working
people.

Healthy development
is taken with foresight
sterilization, hygiene &
as it does for W&H: a
owned company, we
with the appropriate f
generations.

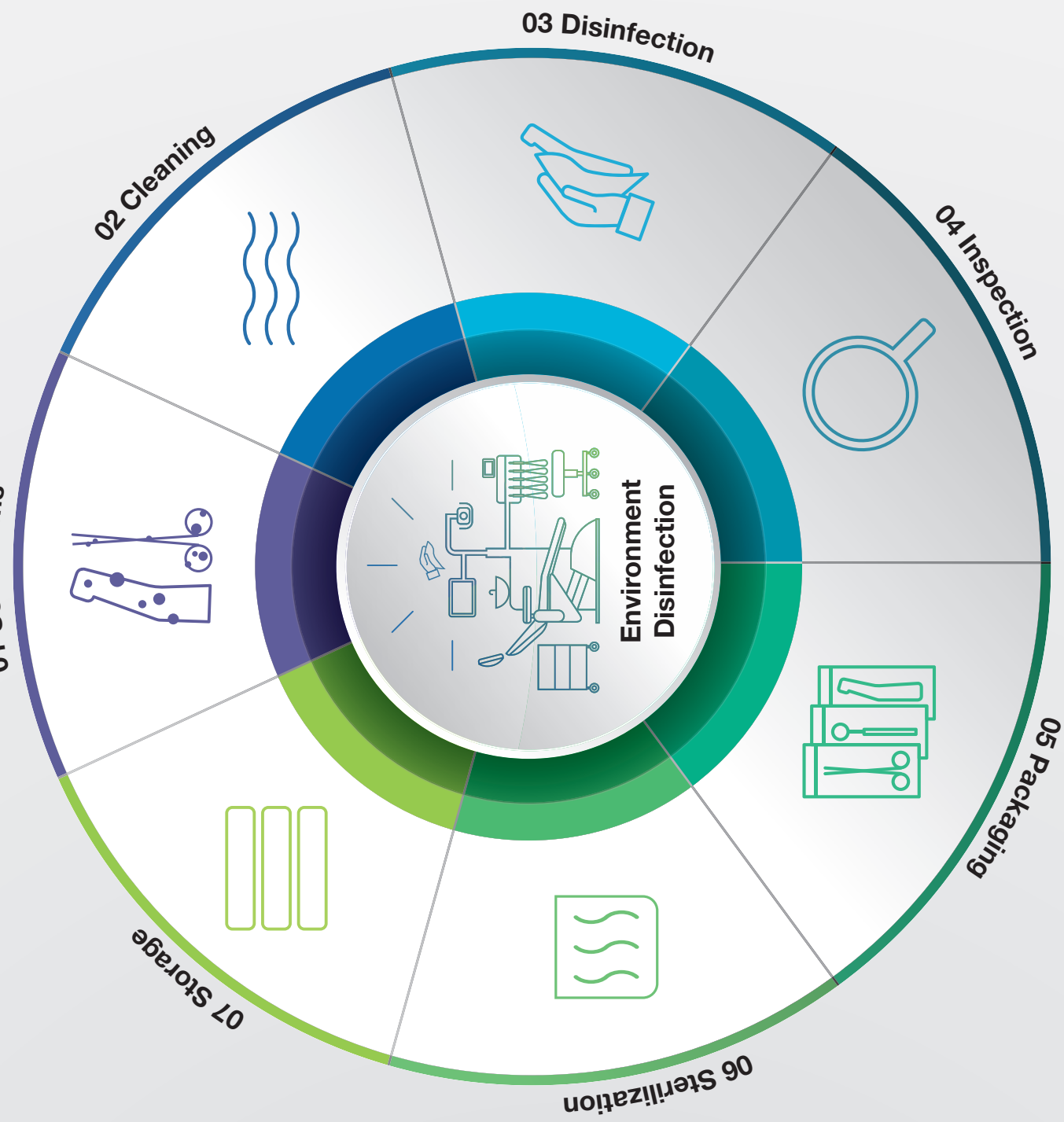
The secret to our suc
always focussed on p
of whether they are



important in the
AIMS is here
product portfolio,
lge and all relevant
ce.

ne safety

[s.wh.com](https://www.s.wh.com)





Dental assistant

“Thed fits in perfectly as part of our entire reprocessing process and simplifies our workflow significantly.”



Dr Christian Müller

Dentist with his own practice

“Now I can be certain that my instruments can be reprocessed between treatments without my patients and I having to wait. A real bonus for my dental practice.”



Thed, Thed+

- › Two washing levels
- › Fast cycles with high cleaning performance
- › Active air-drying with HEPA filter
- › Full connectivity options
- › Internal positioning of process chemicals
- › Unique cartridge system (tabletop)
- › Modern design
- › Comprehensive range of accessories
- › User-friendly interface

Additional Thed+ features:

- › EliSense: device status indicator
- › Automatic rack recognition
- › Automatic manifold injector recognition
- › Automatic program recommendation
- › Automatic adjustment of cycle time, water, process chemicals, and power consumption
- › Washing chamber with internal light

[More information from page 12](#)

Assistina Twin with Quick Connect by W&H

- › Easiest operation
- › Instrument reprocessing in just 10 seconds
- › Non-stop assembly through two process chambers that can be used alternately
- › Assistina Twin Care Set sufficient for reprocessing more than 2,800 instruments
- › Active suction of aerosols with integrated HEPA filter
- › Wide range of adaptors

[More information from page 18](#)

Assistina One with Quick Connect by W&H

- › Instrument reprocessing in just 18 seconds without electrical supply
- › New quick adaptors to speed daily activities

[Assistina One Care Set sufficient for many processes](#)

- › Easy to use with crystal-clear colour touch screen allowing intuitive navigation via the intelligent menu structure
- › EliSense technology for optimisation of daily workflow via LED indicators and touch screen
- › EliTrace technology for traceability of the sterilization process right down to the individual instrument and user
- › High level of additional security with Wi-Fi and W&H Steri App for controlling and real-time remote monitoring
- › High efficiency with patented Eco Dry + technology for reduction of cycle time
- › High level of ergonomics thanks to newly developed design
- › Programmable cycle start
- › Automatic water filling valve

[More information from page 24](#)

Lisa Mini

- › Instrument preprocessing with surprisingly short cycles
- › Small, but fully equipped with all the features and functionalities of a large type B sterilizer
- › Flexible location options and applications
- › Optional EliTrace upgrade via Activation Code system
- › Additional security with Wi-Fi and W&H Steri App for controlling and real-time remote monitoring
- › Easy to use thanks to colour touch screen display and intuitive navigation

[More information from page 26](#)

Lara XXL

- › High capacity and flexibility with 38 litres chamber and optimized racks
- › Easy to position on a standard worktop with a depth of 60 cm
- › High efficiency with patented Eco Dry technology
- › Individual upgrades with Activation Code system
- › Intelligent menu structure with high operating comfort
- › Additional security with Wi-Fi and W&H Steri App for controlling and real-time remote monitoring
- › Easy to use thanks to colour touch screen display and intuitive navigation

[More information from page 28](#)

Lara XL

- › High efficiency with patented Eco Dry + technology
- › High capacity with 28 litre chamber
- › Individual upgrades with Activation Code system
- › Intelligent menu structure with high operating comfort

- › Highest-performing sterilizer in its segment
- › Easy to use thanks to colour touch screen display for intuitive navigation through the intelligent menu structure
- › Individual increase of efficiency through upgrades with Activation Code system
- › High level of additional security with Wi-Fi and W&H Steri App for controlling and real-time remote monitoring
- › Paper-free documentation with high-capacity USB stick for automatic recording of all cycles
- › Ergonomic design

[More information from page 32](#)

Lina

- › The ECO B cycle reduces the cycle time by half
- › Colour touch screen display for simple navigation to all sterilization options
- › Automatic digital cycle recording on USB stick
- › Individual increase of efficiency through upgrades with Activation Code system
- › High level of additional security with Wi-Fi and W&H Steri App for controlling and real-time remote monitoring
- › Excellent value for money

[More information from page 34](#)

Lyla

- › S type sterilizer offers the best cycle time in its segment
- › Individual upgrades with Activation Code system
- › Upgradeability to B type sterilizer according to EN 13060
- › Colour touch screen for easy and efficient operation
- › Smooth surface design and ergonomic shape
- › Integrated data logger for improved traceability system

[More information from page 36](#)

Lexa

- › Large capacity sterilizer chamber with unique tray and exclusive design
- › User-friendly interface and high-end colour touchscreen for simple navigation to all sterilization option
- › Versatile sterilization program options with short cycle times
- › Superior vacuum-assisted drying

speed,
all of it?

Disinfectant devices
are powerful cleaning
standing load flexibility,
g times and much
manding clinics.



powerful and simultaneous
Instruments can be cleaned
in less than 60 minutes. Ha
can be reprocessed in just



Active air-drying with HE
To protect against recontamin
other damage, Thed device
loads with the active air-dry



Two washing levels
Depending on the load, one
be used with Thed devices.
capacity utilisation of the 64



EliSense Device Status
Thanks to the LED light in th
information about the device
optimise both the workflow



Eco Dry technology
With Eco Dry, Thed+ is able
of load and adjust the optim
phase accordingly.



Integrated process chem

ing.

a quick and efficient method
the use of ultrasonics facilitates
most stubborn deposits from
as where manual cleaning does
an ultrasonic device from W&H
ve cleaning.



High capacity and volume
with two different versions
of 6 litres and 3 litres.



Main switch on/off
loading and unloading in
compliance with safety con



Rounded corners
inside the tank for easy
removal of dirt and residues



Time & temperature setting
The U-Son device consists
panel that allows cleaning ti
to be controlled electronically



Stainless steel
for excellent resistance to co
and a longer service life of t



nt.
al-chamber
lubrication and
riendly Care
long the line.
as now been
novative adaptor
Connect by W&H.
offers you even
r everyday practice.



Simple
It is the first reprocessing of
with two process chambers
alternately.



Fast
W&H succeeded in decreasing
process to a record time of



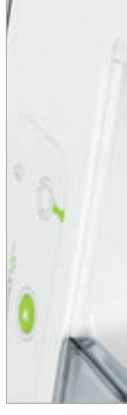
Efficient
Thanks to the smart process
Assistina Twin always achieves
with minimum consumption
Care Set only needs to be changed
2,800 instruments.



Groundbreaking technology
Thorough and comprehensive
parts (**orange**) and cleaning
thanks to innovative oil nebulizer



Safe
All aerosols are removed from
through active suction and



Quick Connect by W&H

easy to use.

As part of daily operations in a dental practice, the time in its class is a top priority. As a result, the solution is a top dental choice for top dental

process only takes 18 seconds. One the fastest maintenance process only works with compressed supply is needed.

Quick Connect System

Flexible switching between ISO and Quick RM adaptor range of adaptors, the Assistant requirements of all clinics.

Innovative lubrication technology

With the ground-breaking technology, dental transmission lubricated even faster and more before.

Spray channel cleaning

By cleaning the spray channels with compressed air, it removes blockages caused by lime deposits, ensuring smoother operation and lower service costs.

Cost-effectiveness process

The system uses exactly the right amount of lubricant for optimal instrument lubrication. Instruments can be maintained without saving money, time, and oil.



Optimal internal drying
processes.

ing liquids from
s, Q-Dry ensures
on the pouches

Ergonomic design

Enjoy an intuitive user experience and the ability to dry other hollow instruments.



Compatibility

Benefit from using the same adaptors found in the Assistina portfolio.



Straight and contra-angle handpieces

All straight and contra-angle handpieces with ISO connection	
Contra-angles with removable heads	Adaptor REF 02679000
T1 Classic from Sirona Dental Systems for contra-angle handpieces	Adaptor REF 02691000
FG chuck system (W&H, Sirona Dental Systems)	Adaptor REF 02693000
W&H handpiece and contra-angle head	Adaptor REF 05204600

Adaptor G
REF 0642



Adaptor G
REF 0639



Turbines

W&H turbines, air scaler and air motors with Roto Quick system	W&H Adaptor REF 02690400
T1, T2, T3 from Sirona Dental Systems	Adaptor REF 02692000
Turbines with Multiflex connection from Kaltenbach & Voigt	Adaptor REF 04713200
Turbines with Borden 2(3)-hole connection	Adaptor REF 02083500
Turbines or adaptors with standard 4-hole connection (with or without light)	

ation.

fers intelligent
ons like EliSense
ordinary user-
s traceability down
ument. The result:
and speed at a

EliSense
EliSense delivers information
the temperature of the load
workflow.



EliTrace

With EliTrace, the sterilization
and documented down to t
or instrument kit. Without a
computer.



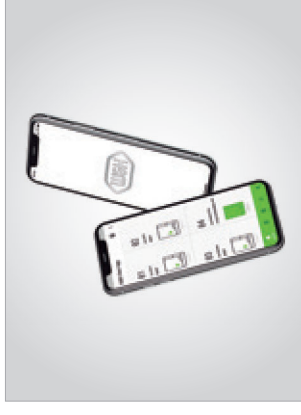
Easy to use

The specially developed, cr
screen guides you intuitively
and simple menu structure.



Connected, simple, time

With the W&H Steri App, yo
sterilizers in real time using
from any place within your f
are automatically saved at t



High-performance

The reduced cycle time of 2
load ensures a longer lifespa
and reduced energy consum
patented Eco Dry+ technolo
to reflect the mass of load.



to your daily workflow.
s with incredible fast
usability. The compact
e an optimal integration
room. Fully equipped,
the peace of mind of
h as our Lisa, Lara or



Unbeatable cycle times
Thanks to the optimised cycle times, the sterilizer can process instruments like handpieces in less than 18 minutes. Unwrapping is possible in less than 9 minutes.



Small dimensions
Thanks to its small dimensions, the sterilizer can be easily positioned in the room. Moreover, it offers the possibility of being integrated into a wall.



High load flexibility
Lisa Mini is available with a capacity of 3 litres or 5 litres. With the 5 litre version, the sterilizer can reprocess up to 1 kg of instruments or up to 15 handpieces. In the 3 litre version, it corresponds to 1.5 kg, which corresponds to 10 handpieces.



Ready for the future
The sterilizer offers future-proof options. The documentation can be automatically saved via a high-speed Wi-Fi and LAN connections. A download cycle reports directly to the device.



us chamber.

ensions and an XXL chamber
erise the Lara XXL sterilizer and
pacious. Easy to position on a
e device not only impresses
flexibility and simple navigation,
more.



38 litre chamber

Lara XXL is able to reprocess
and 10 kg of wrapped instru-
twice the capacity of a stan-
chamber size and its 6-tray



Compact outer dimensions

Due to its compact dimensions,
install and without modifica-
room. A standard workshop
all you need to set up the X



Eco Dry technology

Lara XXL is able to automati-
for small loads (0.5 kg), ave-
loads. Thus, a 3 kg load can
40 minutes using a type B c



Connectivity and traceability

The sterilizer offers future-o-
options. The documentation
is automatically saved via a
Wi-Fi and LAN connections
to download cycle reports c
smart device.



Activation Code system

With the optional Activation

Meet your expectations.

With even more capacity, energy-efficient B cycles as well as a wide range of advanced traceability options.



Xceeding performance

The reduced cycle time of 4 hours and 15 minutes per load ensures a longer lifespan and reduced energy consumption. The patented Eco Dry + technology reflects the mass of load.



Xceeding capacity

With its 28 litre chamber, Lara can handle up to 7 kg of wrapped instruments. Thanks to its 6-tray rack, it



Xceeding usability

The intelligent menu structure ensures extraordinarily high usability. The different functions can be navigated intuitively using the large color touch screen.



Xceeding connectivity and traceability

The sterilizer offers future-proof connectivity options. The documentation is automatically saved via a high-speed Wi-Fi and LAN connection. The download cycle reports directly to the device.



Xceeding upgradeability

With the optional Activation



h customized upgrades.

and quickly – plus, you can to suit your needs: the standard fertilizers already offers the fastest s class – including standard additional, newly developed am offers even more speed entation if you so wish – optimally equipped ents change.



Fast, faster, Lara

The standard version for type you more time for your patients

Even higher performance

If you need even more speed Activation Code to perform to Eco Dry + and the Fast C instruments.



Built-in data logger

The integrated data logger cycles on a high-capacity U additional cables and external



User identification

If you would like to extend t is a quick and simple upgrade the option of user identification approval confirmation.



Processes.

meet all requirements for your operation, ergonomic and appropriate sterilization cycles guarantee high efficiency results.



Ease of use

The touch screen display eases operation.
The simplified user interface supports practices in all daily



ECO B sterilization program

The cycle time can be reduced by 20%.



Design and maintenance

The easily removable cover protects the water tanks without too much space and compact layout the sterilization



Traceability and upgrade

The documentation of sterilization cycles is automatically saved via a high-resolution camera. For even more flexibility, use the system to activate additional functions and changing practice needs and



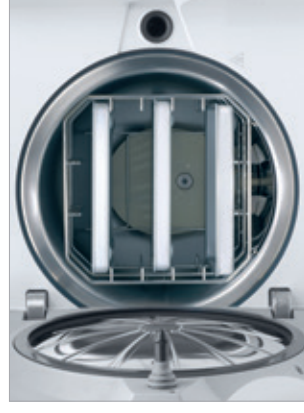
Flexibility.

Lyla offers the best cycle time in the market, thanks to its upgradeability. The Activation Codes system provides Activation Codes that allow you to enhance additional features and adapt the machine to your practice needs and comply with local regulations. Effectively, for customising and upgrading your Lyla sterilizer.



Smart upgrades

The Activation Code system allows you to upgrade the machine that offer a tailored opportunity to enhance additional features that meet your practice needs and comply with future requirements.



Super fast cycles

The different fast cycles available allow you to sterilize several types of instruments, including hollow bodies, both wrapped and unwrapped.



Secure traceability

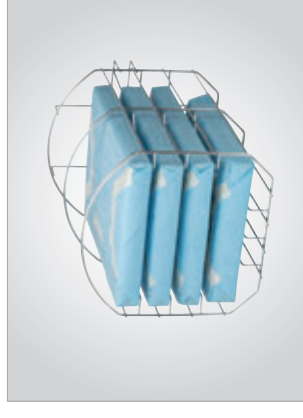
With the integrated built-in Lyla printer, the optional label printer and the Lyla software, you can ensure that the sterilization process that is customised to your practice needs is fully traceable.



cycle program
and larger loads,
closed-door drying
eters and the use
h cycle.



High efficiency and capacity
Lexa provides a large chamber with a unique rack providing a large surface and more loading options.



Customisable drying times
Lexa offers versatile programs for different loads in order to reduce drying times.



Increased usability
Due to the simple and intuitive interface, Lexa is easy to use and has a high-end colour touch screen.

level of traceability
from now on, you will
know which cycles have
finished at what time and date,
and which instruments were sterilized

ask Lisa.
activation.wh.com

scan the QR code directly on the
screen of your smart device via

the QR code labels on each
instrument, making loading and making the link

check
the activation can be done directly via W&H Steri

The Activation Code system is an innovative upgradeability system
that offers a cost-efficient, rapid and customised opportunity to activate and
meet your changing practice needs and future requirements.

The Activation Code system is made for Lisa Mini, Lara XXL, Lara
More information at **activation.wh.com**



Performance

The “Performance” feature
allows even faster cycle times by
upgrading to Eco Dry +, which
automatically adapts the drying
time to the mass of the load.



Traceability

The “Traceability” feature enables
user identification and load release
confirmation. Identification is
secured by a PIN directly on the
sterilizer and the W&H Steri App.

With “
proce
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instru
additi



Fast cycle

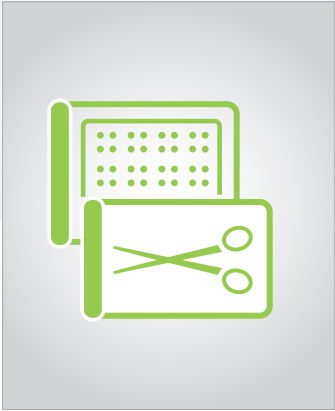
The “Fast cycle” feature enables
sterilization of unwrapped
instruments, including handpieces.
For a quick cycle for in-between.



B cycle

The “B cycle” feature upgrades
Lyla to B type sterilizer according
to EN 13060.

R
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the idea
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to sa



... , good.
 ... nge of
 ... ization of the
 ... a. Minor extras
 ... Work in the
 ... mes easier and



EliSafe label printer
 The label printer is a quick and easy way to print out cycle protocols with the sterilization cycle with the



Barcode scanner
 The EliSafe package includes a barcode scanner. This enables you to scan labels



W&H Steri App
 With the W&H Steri App you can monitor up to 4 sterilizers in real time. The app also allows you to recall cycle reports using a camera.



Sprint
 To print out cycle protocols with 10-year warranty



sterilization package.

a product sterile,
etic and strong
le goods from
ces guarantees



Perfect quality seals

The foil sealer creates a 12
two seconds with no risk of
package.



Convenient and user-friendly

Handling is optimized with t
station and the integrated w



Flexible working

The patented double-roll ho
of widths. The roll holder ca
station and mounted on the
working in the smallest spa



SealVal² user-friendly touch

The touch screen and the ir
facilitate the working proces



Real packaging
using of dental
sterilizer.



Packaging at the highest
The combination of paper and
protective barrier against ge
resistant and has excellent

Ease of use
To simplify daily use and av
steam indicator. It quickly a
the sterile goods have alrea
thus meets the highest req
storage.



Compatible

Multidem is suitable for use with a wide range of ultrasonic cleaning and reprocessing devices. It can be connected simultaneously to multiple devices.



User-friendly

Cartridges can be replaced easily. The cartridge can be positioned in the unit without the need for tools.



Practical

Multidem is also equipped with a wide range of accessories, making it ideal for rinsing instruments.

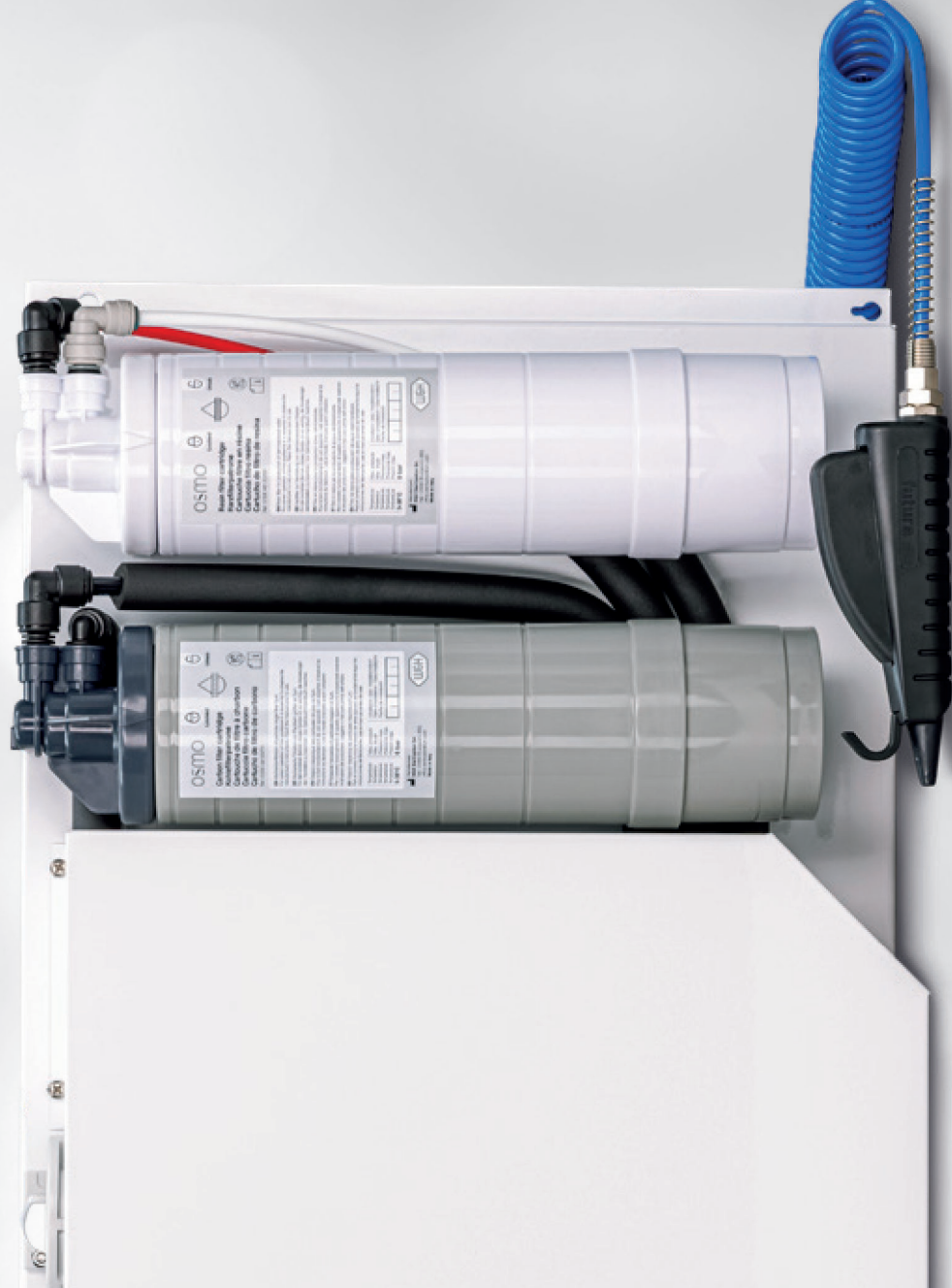


Economical

Multidem does not require a large amount of water. It has an optimized ion exchange system.



er.
er treatment
eral sterilizers with
ilised water at the



Compatible

Osmo fills and drains up to
and simultaneously.



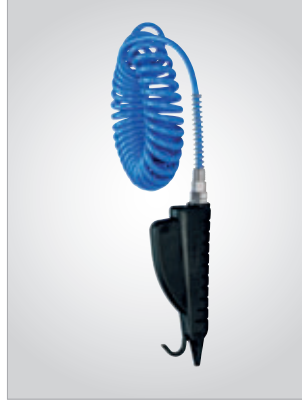
User-friendly

The screw-unscrew system
replacement easier than ever
replaced without any tools.



Practical

Osmo has a spray gun for
devices or for rinsing instrum



Economical

The water storage tank has
This makes Osmo not only
for regions with poor water
practices with a high water



Exceptional purity.
Enables economical
distilled water for
various pure



User-friendly

Automatic heater cut-out, o
simple to use. The Water D
ease of use.



Practical

A water receiver is supplied



Economical

The device supplies 4 litres
than 5 hours. With this volu
cycles can be carried out in



Protection from infections
 Contamination.
 Work or treatment
 environments, dental units
 cleaned and disinfected
 in a manner in everyday
 BePro hygiene
 entire hygiene
 dental practices.

**Very effective,
 reliable**

Spectrum: bactericidal,
 fungicidal, virucidal
 Disinfecting efficacy

times
 ducts
 concentrates

BePro – Hand Care
 For the cleaning and
 maintenance of hand
 and skin health.



BePro – Suction Systems
 For the cleaning, disinfection
 and maintenance of dental unit's
 suction system and spittoon bowl.

BePro – Surfaces
 For the cleaning and disinfection of
 non-invasive medical devices e.g. dental
 units incl. upholstery, exterior parts of

BePro – Autoclave
 For thermally
 washers like t

Type:	MB-302
Process:	Cleaning of spray channels, lubrication
Suitable for:	Straight and contra-angle handpieces, turbine handpieces
Supply voltage:	100–240 V AC
Maximum power consumption:	18 VA
Air consumption:	approx. 40 l/min
Operating pressure:	5–10 bar (controlled via an integrated, automatic pressure control)
Overall dimension (w x h x d):	297 x 190 x 435 mm
Weight:	3.5 kg
Capacity:	200 ml W&H Activefluid cleaning solution, 200 ml W&H Activefluid cleaning solution, 200 ml W&H Activefluid cleaning solution

Assistina One

CE

Trade name:	Assistina One
Type:	MB-301
Process:	Cleaning the spray channels, lubrication
Suitable for:	Straight and contra-angle handpieces, turbine handpieces
Air consumption:	approx. 50 l/min
Operating pressure:	5–10 bar (controlled via an integrated, automatic pressure control)
Overall dimension (w x h x d):	166 x 243 x 383 mm
Weight:	2.2 kg
Capacity:	200 ml W&H Activefluid cleaning solution, 200 ml W&H Activefluid cleaning solution, 200 ml W&H Activefluid cleaning solution

	(Plus edition) ⁽¹⁾	(Plus edition) ⁽¹⁾	I nea	I nea
	Undercounter	Tabletop	Undercounter	Tabletop
	3N 380–415 V; 220–240 V		220–240 V	
	50–60 Hz		50 Hz	
	13–16–32 A		16 A	
	598 x 815 x 628 mm	598 x 599 x 628 mm	598 x 815 x 628 mm	598 x 599 x 628 mm
	600 x 818 x 630 mm	600 x 603 x 630 mm	600 x 818 x 630 mm	600 x 603 x 630 mm
	72 kg	54 kg	72 kg	54 kg
	104 kg	76 kg	104 kg	76 kg
	64 l	64 l	64 l	64 l
	●	●	●	●
	●	●	●	●
	●	●	●	●
	●	●	●	●
	○	○	○	○
	3	2	3	2
	4	4	4	4
	4	4	4	4
	Standard ⁽³⁾	55'	Standard ⁽⁴⁾	84'
	Intense ⁽³⁾	80'	Intense ⁽⁴⁾	110'
	Fast ⁽³⁾	43'	Fast ⁽⁴⁾	68'
	Handpieces ⁽³⁾	35'	Handpieces ⁽⁴⁾	55'

atured device, ⁽²⁾ Total cycle time may vary depending on the type and load weight, drying phase duration, e, voltage fluctuations on the mains supply and other factors. ⁽³⁾ Three-phase version, ⁽⁴⁾ Single-phase version at 230 V

	U-Son RIW-203	U-Son RIW-206
	3 litres	6 litres
	2.1 l	4.4 l
	230 V; 50/60 Hz	
	120 W	180 W
	100 W	200 W
	2.8 kg	4.7 kg
	265 x 220 x 165 mm	325 x 280 x 180 mm
	240 x 100 x 135 mm	300 x 150 x 150 mm

		Type:	RIS-311
		Chamber size:	28 l
		Power supply:	200–240 V AC; 50/60 Hz; 10 A single phase
		Power consumption:	2.0–2.4 kW
		Overall dimension (w x h x d):	492 mm x 455 mm x 614 mm
		Weight (empty):	54 kg
		Main/used water tanks:	4.8 l/5.1 l
		Working range:	5 to 10 cycles
		Usable space in chamber (w x h x d) ⁽¹⁾ :	230 x 230 x 420 mm
		Connection types:	5 USB ports, 1 Ethernet port, automatic water filling kit

(1) Usable space is referred to standard rack configuration

Lara



		Trade name: Type:	Lara 17 RIL-117
		Chamber size:	17 l
		Power supply:	200–240 V AC; 50/60 Hz; 10 A single phase
		Power consumption:	2.0–2.4 kW
		Overall dimension (w x h x d):	465 x 452 x 646 mm
		Weight (empty):	42.5 kg
		Main/used water tanks:	4.8/4.8 l
		Working range:	7 to 15 cycles
		Usable space in chamber (w x h x d) ⁽¹⁾ :	195 x 195 x 312 mm
		Connection types:	2 USB ports, integrated automatic water filling kit

(1) Usable space is referred to standard rack configuration

Lina



		Trade name: Type:	Lina 17 RIK-117
		Chamber size:	17 l
		Power supply:	200–240 V AC; 50 Hz or 60 Hz; 10 A single phase
		Power consumption:	2.0–2.4 kW
		Overall dimension (w x h x d):	465 x 452 x 646 mm

		VA131-17	VA131-22
		17 l	22 l
		200–240 V AC; 50/60 Hz; 10 A single phase	200–240 V AC; 50/60 Hz; 10 A single phase
		2.0–2.4 kW	2.0–2.4 kW
		465 x 452 x 634 mm	465 x 452 x 634 mm
		46 kg	47.5 kg
		4.8/4.8 l	4.8/4.8 l
		7 to 15 cycles	7 to 15 cycles
		195 x 195 x 312 mm	195 x 195 x 400 mm
		5 USB ports, 1 Ethernet port, integrated automatic water filling connection	5 USB ports, 1 Ethernet port, integrated automatic water filling connection

duration

		Lisa Mini RIS-303	Lisa Mini RIS-305
		3 l	5 l
		200–240 V AC; 50/60 Hz; 10 A single phase 100–125 V AC; 50/60 Hz; 12 A single phase	200–240 V AC; 50/60 Hz; 10 A single phase
		2–2.4 kW (220 V)/1.2–1.5 kW (110 V)	2–2.4 kW (220 V)/1.2–1.5 kW (110 V)
		440 x 200 x 581 mm	440 x 200 x 666 mm
		21.9 kg	24.4 kg
		1.6 l/0.6 l	2.5 l/0.6 l
		3 to 7 cycles	3 to 7 cycles
		50–60 (Nl)/min (13.2–15.8 (Ngal/min)	50–60 (Nl)/min (13.2–15.8 (Ngal/min)
		5–10 bar (73–145 psi)	5–10 bar (73–145 psi)
		5 USB ports, 1 Ethernet port, automatic water filling kit	5 USB ports, 1 Ethernet port, automatic water filling kit

		Lara XXL RIS-338
		38 l
		200–240 V AC; 50/60 Hz; 12 A single phase
		2.4–2.88 kW
		492 mm x 455 mm x 797 mm

	RIN-210	RIN-210
	17 l	22 l
	200–240 V AC; 50 Hz or 60 Hz; 10 A single phase	100–125 V AC; 50 Hz/60 Hz; 12 A single phase 200–240 V AC; 50 Hz or 60 Hz; 10 A single phase
	2.0–2.4 kW	110 V: 1.2–1.5 kW 220 V: 2.0–2.4 kW
		465 × 452 × 646 mm
	40 kg	42 kg
		4.8/4.8 l
		7 to 10 cycles
d) ¹⁾	195 × 195 × 312 mm	195 × 195 × 400 mm
	1 USB port in the front (additional 1 in the rear as option), automatic water filling kit (optional)	

uration

Meets the requirements of ASME Boiler and Pressure Vessel Code



	Lexa 110 MN-111	Lexa 220 MN-111
		28 liters (7.4 gal)
	100–125 V AC; 50/60 Hz; 12 A Single Phase	200–240 V AC; 50/60 Hz; 10 A Single Phase
	490 × 452 × 616 mm (19.3" × 17.8" × 24.3")	
		48 kg (105.8 lbs)
		6.4/6.7 l (1.7/1.8 gal)
	5 USB ports, 1 Ethernet port	

	SeaVal ²		
Voltage:		200/240 V AC; single phase	10
Frequency:			50/60 Hz
Power:			180 W
Isolation class:			I/IPX0
Fuse:		N. 2–5x 20 T4 A	
Conditions of use: Environment: Max. altitude: Temperature: Max. relative humidity: Max. voltage tolerance: Overvoltage category: Pollution degree:			Indoor use only 3000 m a.s.l. +5/+40°C 85 % ±10 % II 1
Main switch:			Bipolar
Weight:			7.1 kg
Welding area:			12 × 310 mm
Welding temperature:			Constant

SeaVal²

CE

	SeaVal ²		
Voltage:		200/240 V AC; single phase	
Frequency:		50/60 Hz	
Power:		180 W	
Isolation class:		I/IPX0	
Fuse:		Nr. 2–5x 20 T5 A	
Conditions of use: Environment: Max. altitude: Temperature: Max. relative humidity: Max. voltage tolerance: Overvoltage category: Pollution degree: Max. surge (≤ 5s): Max. surge (> 5s):			Indoor use only 3000 m a.s.l. +5/+40°C 85 % ±10 % II 2 230 V + 1200 V 230 V + 250 V



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