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**Fast.**  
**Easy to use.**  
Secure  
traceability.



lisa

# Lisa Sterilizer

## Performance\*

Accelerated type B cycle thanks to Eco Dry technology

## Easy to use

Thanks to a new user interface and user-friendly menu structure



## Ergonomics

Thanks to our new external and internal design

## Up to 9 kg load

3 special aluminium containers

## Full traceability

Thanks to Wi-Fi connection and Mobile App for Real Time Remote Monitoring

\* B type sterilization of average load (2 kg) in 30 minutes

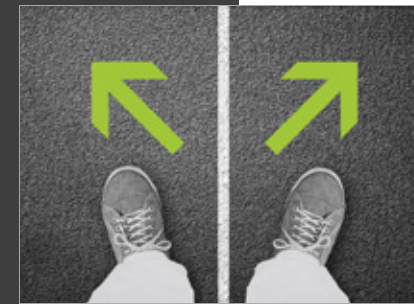
# Easy to use

The new Lisa colour touch screen with its user-friendly menu structure and intuitive icons has been selected and designed to make your daily work easier, faster and more efficient.



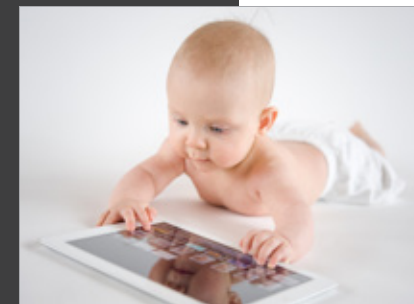
## Easy to use

The Lisa touch screen with intuitive menus offers a wide range of options to meet all your needs.



## Simple cycle selection

As soon as the Lisa is switched on, the home screen immediately displays the cycle selection.



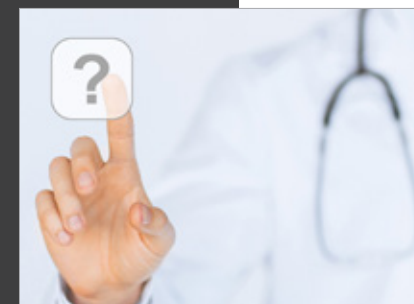
## Intuitive navigation

Four logical groups of activities are displayed for swift and efficient navigation.



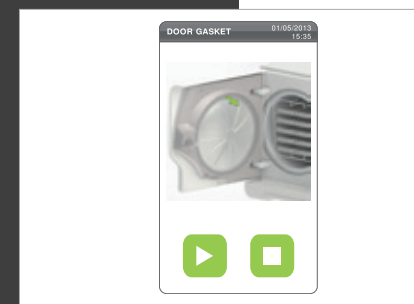
## Risk-free cycle selection

The custom cycle selection feature allows you to select which cycles are displayed on the home screen.



## User guidance

Instruction is available with the help button in order to assist you during navigation.



## Guided maintenance

A set of 3D animations shows you the main maintenance operations step by step. Makes operation easy and straightforward.

## Attracts with accelerated B cycle sterilization: New Lisa

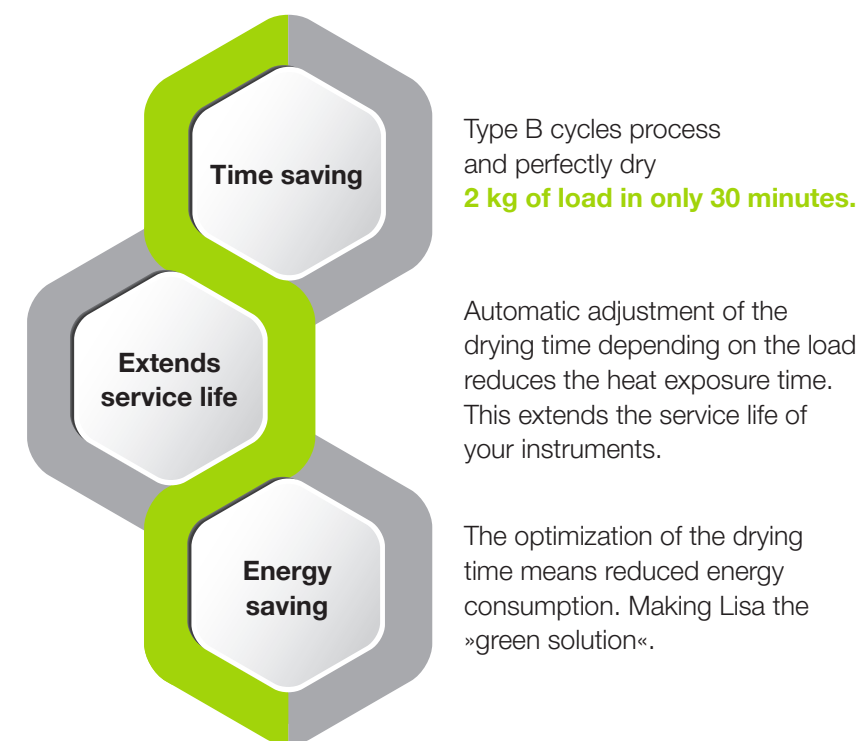
### New Lisa: Nothing compares to her

The advanced patented Eco Dry technology adapts the drying time to the mass of the load. This reduces the cycle time, increases the life span of your instruments and optimizes the energy consumption.



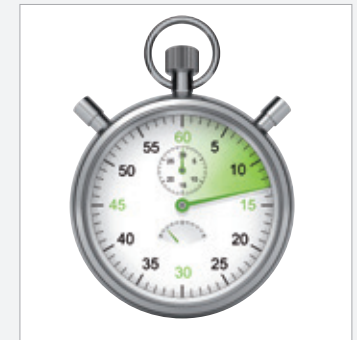
## Performance

The advanced patented Eco Dry technology adapts the drying time to the mass of the load. This reduces the cycle time, increases the life span of your instruments and optimizes the energy consumption.



### Wipe disinfection – Cleaning and maintenance (6 min) – Sterilization (13 min)

- › Disinfect your instruments before cleaning and servicing by wiping them.
- › The Assistina 3x3 cleans and services three instruments inside and outside in just 6 minutes.
- › With the Lisa fast cycle, the instruments can be removed from the sterilizer ready for use after only **13 Minutes.**



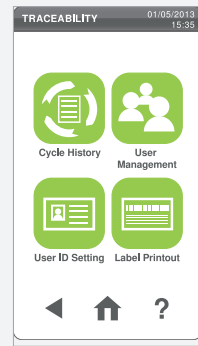
**Sterilization in record time**  
Lisa offers the option of fast sterilization of unwrapped instruments in only **13 Minutes.**





# Full traceability

The new Lisa offers a comprehensive traceability system customized to your needs. A wide range of features and options guarantees an automatic documented sterilization protocol without the need of paper handling, a dedicated computer or software.



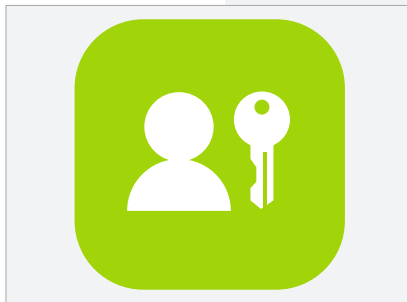
### Customized to your needs

Lisa traceability menu offers a wide range of options to customize your own traceability system to your exact needs.



### High capacity data logger

The 8 gigabyte USB drive automatically records the cycle reports for the entire life of Lisa.



### User identification

Allows you to digitally record the user who loaded and unloaded the sterilizer. Users are identified by a 6-digit PIN.



### Load release confirmation

This option digitally records the end user name and their confirmation of the successful sterilization and/or test cycle.



### Easy and practical

Lisa enables you to select the number of labels to be printed by LisaSafe either automatically or manually.



### Convenient and economical

The Ethernet connection allows four Lisa sterilizers to share one LisaSafe label printer.

# Full traceability

W&H offers with the Lisa Mobile App full optimization of traceability in your practice. This means greater security of the link between the sterilization cycle and the patient file.

### Real Time Remote Monitoring

With Lisa Mobile App you are able to monitor up to 4 sterilizers with your smartphone or tablet in real time from any place within your practice.



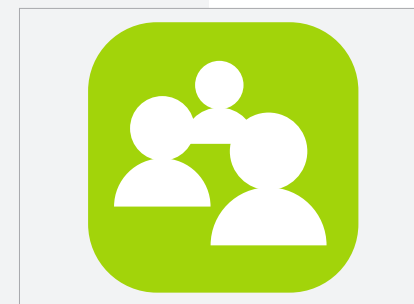
### Connected, easy, time saving

When units start talking, traceability becomes a new meaning. Ergonomics is no longer a meaningless word and virtuality becomes reality. Work in the practice is easier and your team saves time.



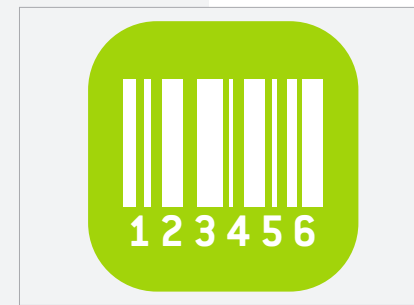
### Additional backup

The cycle database is also saved in your smartphone or tablet. This guarantees you an extra backup and enables you to check any cycle report at any time.



### User management

You are able to create and delete users and link pictures to them. The user list will be automatically updated on the sterilizer.



### Barcode scanner onboard

Lisa Mobile App is able to retrieve cycle reports from a barcode label printed by LisaSafe. The barcode can be read with the smartphone camera.

# Ergonomics

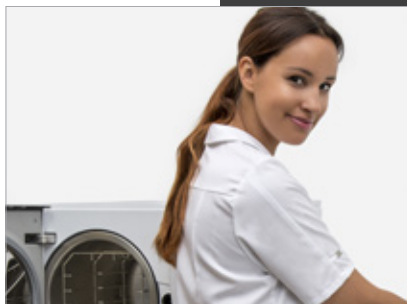
The revised design is setting optimized hygiene and ergonomic standards in modern dentistry.



**Easy filling**  
A high capacity integrated funnel prevents water splashes during the water filling process.



**Simple cleaning**  
Thanks to a smooth surface design with minimized gaps.



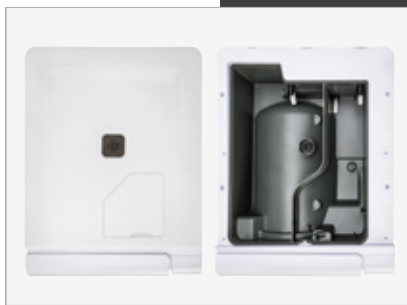
**High convenience**  
An automatic water filling valve allows you to connect a demineralization system. Manual filling and draining are no longer required.



**Fits everywhere**  
With the modular front feet, Lisa can be installed on the narrowest benches.



**Practical design**  
Lisa can be built into a cabinet thanks to the optimized internal air circulation.



**Effortless tank access**  
The tank cover can be easily removed without tools to clean the tank.

# Making the difference



**Long service intervals and internal components protected by**

- › Water separation system
- › Dust filter
- › Water quality sensor



**Save energy with**

- › Automatic standby mode



**In case of power failure, instruments can be easily retrieved from the chamber with the**

- › Battery-operated door opening tool



**Fast troubleshooting and reduced repair costs thanks to**

- › New automatic diagnostic cycles



# W&H solution for all hygiene and maintenance requirements

Sterilization, hygiene and maintenance are increasingly important in the dental practice. W&H offers best practice hygiene protocols as a complete solution for processing your straight and contra-angle handpieces and turbines.






## Lisa accessories

W&H offers a wide range of accessories for optimization of the sterilization process. Minor extras lead to major results. Work in the practice is easier and your team saves time.



You can find the exact work process for preparation of transmission instruments and motors at [wh.com](http://wh.com).

# Technical data

## Lisa sterilization cycles

Sterilization cycle	B-Universal 134		B-Prion 134		B-Universal 121	Fast cycle	
Temperature	134 °C		134 °C		121 °C	134 °C	
Holding time (minutes)	4		18,5		15,5	3,5	
Total cycle duration (minutes) including complete drying		 Typical load	 Typical load		Full load		
	Lisa 17	Automatic from 21 to 44	30	Automatic from 36 bis 60	46	36 to 60	13
	Lisa 22	Automatic from 21 bis 49	31	Automatic from 36 bis 64	47	36 to 63	15
Lisa 17 loads	maximum solid 4.5 kg / typical 2 kg / maximum porous 1.5 kg					maximum solid 0.5 kg	
Lisa 22 loads	maximum solid 6 kg / typical 2 kg / maximum porous 2 kg					maximum solid 0.6 kg	
Lisa 17 / 22 containers load	maximum 9 kg				Not applicable		
Test cycles	Helix / Bowie Dick / Vacuum test						

Items supplied with reversible rack, 5 aluminium trays, drain tube, tray holder, 8 GB USB drive, door opening tool, factory test

Type:	 	Lisa 17 VA131-17	Lisa 22 VA131-22
Chamber size:		17 l	22 l
Power supply:		200–240 Vac; 50 / 60 Hz; 10 A	200–240 Vac; 50 / 60 Hz; 10 A
Power consumption:		2.0 – 2.4 kW	
Overall dimension (width x height x depth):		465 x 449 x 599 mm	
Weight (empty):		50.2 kg	51.7 kg
Main/Used water tanks:		4 / 3,5 l	
Working range:		7 to 12 cycles	
Usable space in chamber (width x height x depth):		195 x 195 x 297 mm	195 x 195 x 390 mm
Connection types:		1 Ethernet port, 3 USB ports, 1 serial port, integrated automatic water filling connection	

### Lisa sterilizers were designed, certified and validated with the most stringent Directives and Standards:

93/42/EEC	Medical Device Directive	EN 13060	Small steam sterilizer	EN 61010-1	Safety requirements
2014/68/EU	Pressure equipment Directive	EN 61326-1	Electromagnetic compatibility	EN 61010-2-040	Specific requirements for steam sterilizer

› The sterilizer can be validated according to EN ISO 17665-1

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