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# Pure water

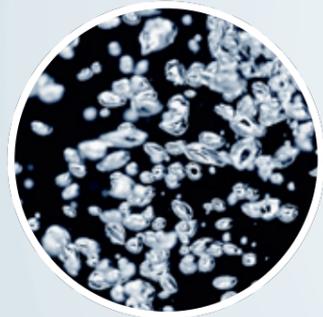
Water Treatment Devices

# Water Treatment Devices

from W&H

## Take advantage of all the benefits.

High-quality demineralised or distilled water is an important part of the hygiene process. This is because even a slightly increased conductivity of the water can cause deposits, discolouration or corrosion on the instruments as well as in the chambers of the sterilizers. Our water treatment units – Multidem, Osmo and Water Distiller – supply pure water for the sterilisation process. With this method, our devices ensure consistent performance and extend the life of your instruments and sterilizers. In addition, our devices are flexible to meet other reprocessing room needs, such as instrument rinsing.



For each  
**sterilizer**



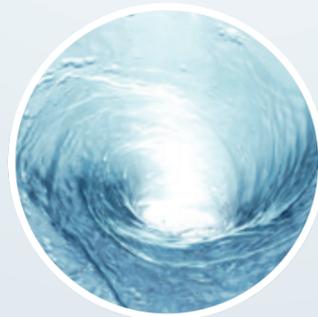
Any tap  
**water quality**



Super easy  
**handling**



With or without  
**power supply**



Up to 6  
**sterilizers**



# Multidem

Multidem supplies top quality demineralized water and is suitable for use with steam sterilizers.



## All advantages at a glance



### Compatible

- › Suitable for use with up to 2 sterilizers
- › Flexible use in combination with the spray gun



### User-friendly

- › Fast cartridge replacement without tools
- › Cartridge can be positioned without a fixing/securing device



### Economical

- › No external power supply required
- › Optimized ion exchange resin



### Safe

- › The purified water complies with the relevant recommendations and regulations for the correct reprocessing of instruments
- › Consistently high water quality, no limescale deposits

## Compatible

Multidem can be used with all steam sterilizers and fills automatically up to 2 sterilizers.



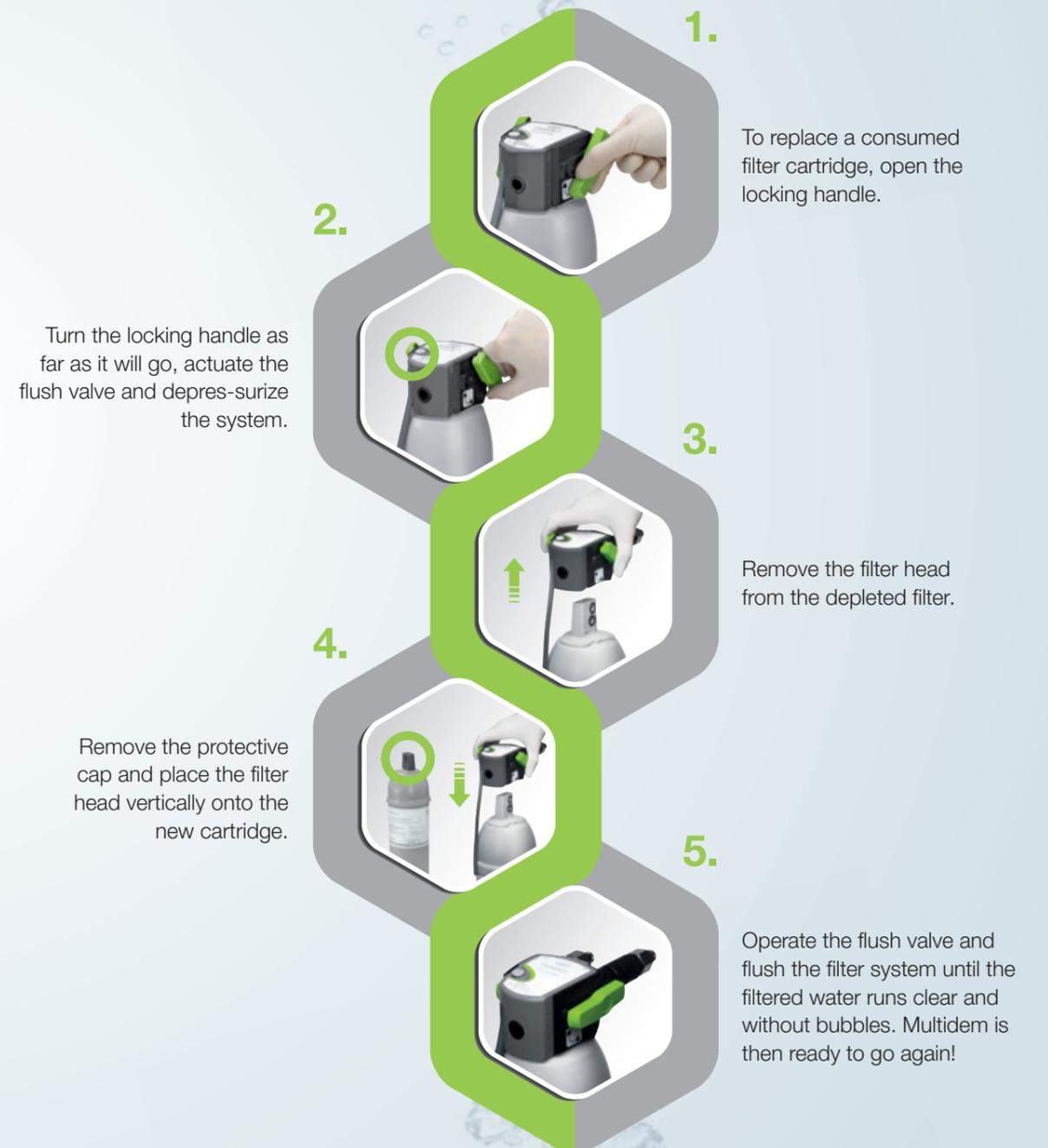
\* Applies to Lisa Fully Automatic units manufactured from 04/2011

**Thanks to the T-connection it is possible to:**



## User-friendly

The innovative locking handle on the filter head ensures fast and convenient filter replacement without tools. The integrated rinse button for releasing pressure allows immediate pre-rinsing and venting.



# Osmo

The best water treatment to supply multiple sterilizers simultaneously.



## Advantages at a glance



### Compatible

- › Suitable for use with all types of sterilizers, up to 6 devices simultaneously
- › Flexible use in combination with the spray gun



### User-friendly

- › Fast cartridge replacement without tools
- › Automatic water filling and direct draining



### Economical

- › Optimized ion exchange resin and carbon filter cartridges
- › Cost effective solution both for regions with poor water quality and practices with high demand



### Safe

- › The purified water complies with the relevant recommendations and regulations for the correct reprocessing of instruments
- › Consistently high water quality, no limescale deposits

## Compatible

Osmo is the perfect solution if you want to provide purified water to a large number of sterilizers at the same time.



### Osmo is the best option if:

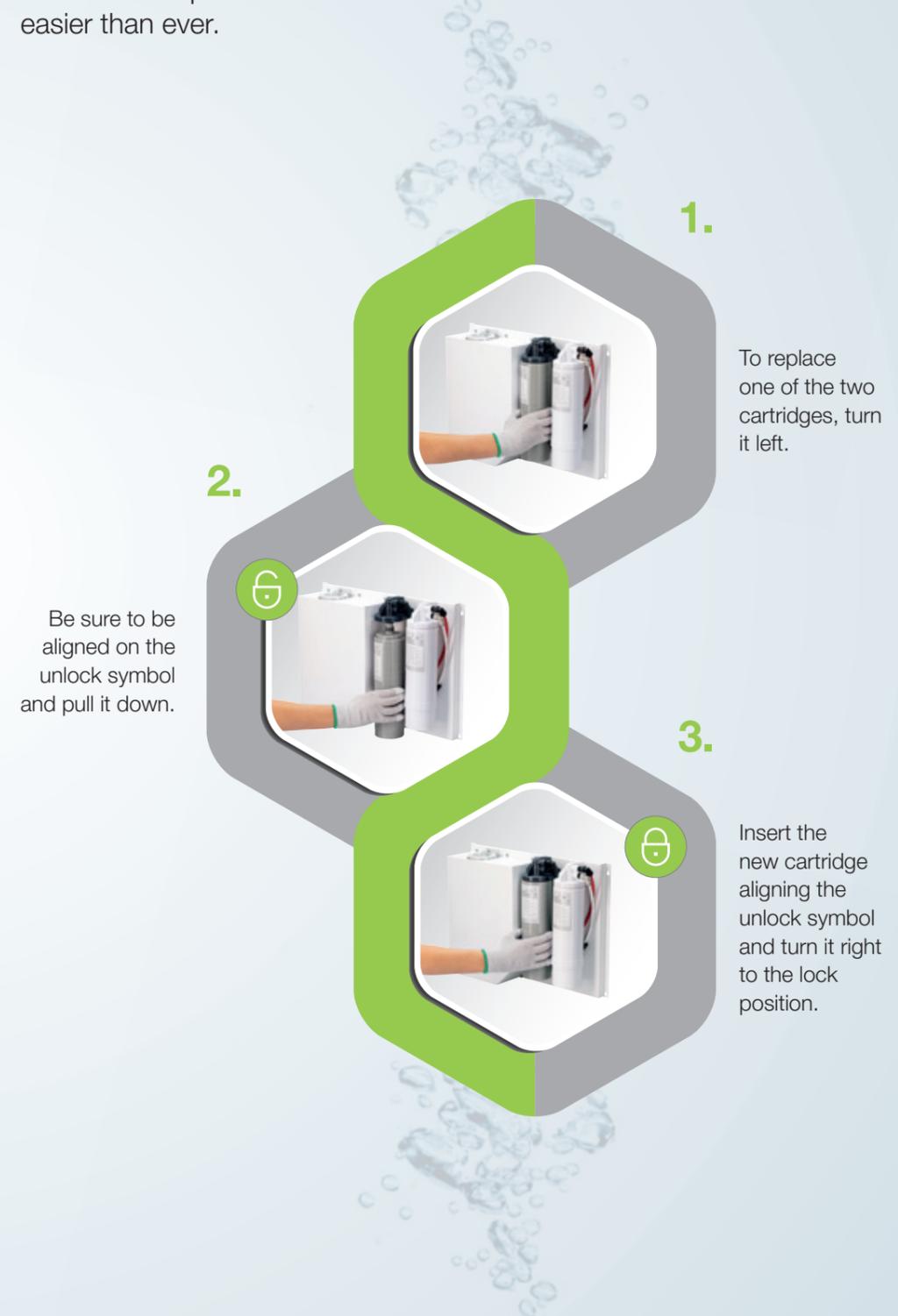
- › amount of daily cycles increases
- › water quality is above 600  $\mu\text{S}$
- › clinics have more than one sterilizer



Osmo is able to produce up to 30 litres of demineralized water per hour and supply up to 6 devices simultaneously. The water storage tank supplied has an effective volume of 7 litres of demineralized water to provide higher amounts of purified water used for sterilization and daily activities, such as instrument rinsing.

## User-friendly

The screw-unscrew system makes filter replacement easier than ever.



1.

To replace one of the two cartridges, turn it left.

2.

Be sure to be aligned on the unlock symbol and pull it down.

3.

Insert the new cartridge aligning the unlock symbol and turn it right to the lock position.

## Water Distiller



## Advantages at a glance

The water distiller produces pure water from tap water.

- › Very simple to use
- › Silent in operation
- › Compact, light and mobile
- › Stainless steel tank, robust and easy to maintain
- › Automatic heater cutout
- › Integrated carbon filter

## Distilled water of exceptional purity

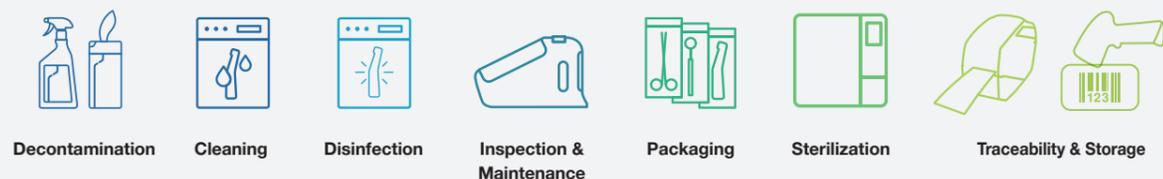
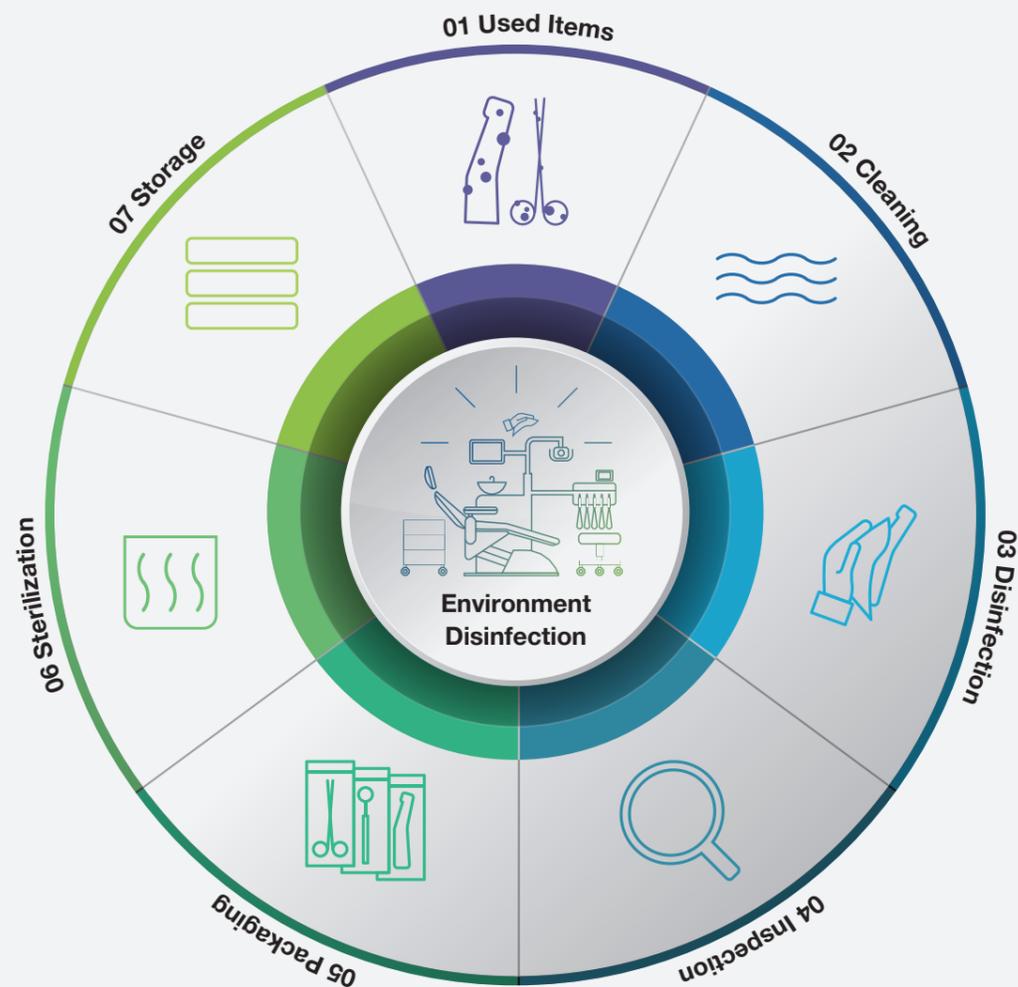
The Water Distiller enables economical production of distilled water for sterilization. The device supplies 4 litres of distilled water in less than 5 hours. With this volume, up to 8 sterilization cycles can be carried out in our sterilizers. A water receiver is supplied together with the distiller.

W&H AIMS  
Safety first!



Hygiene is extremely important in the dental practice. W&H AIMS is here to help: with a wide product portfolio, fundamental knowledge and all relevant information at a glance.

For your safety and the safety of your patients. [aims.wh.com](http://aims.wh.com)



Choose the right water treatment device!

Tell us your water conductivity level, the number of sterilizers installed and the average cycles run per day on each sterilizer and we will provide the most cost-effective solution.

Take the test!  
Scan our QR Code

Answer 3 questions to find the right water treatment device!



1 Number of sterilizers

2 Sterilization cycles per day

3 Water conductivity

4 Your W&H device!



**Dist 3**  
Dist 3 checks water quality by measuring the conductivity of the water.

# Technical Data

## Multidem, Osmo and Water Distiller

|   | CE  | CE  | CE  |
|---|---|---|---|
|   | Multidem  | Osmo  | Water Distiller   |
| <b>Water treatment principle:</b>                                 | Demineralisation  | Reverse osmosis   | Distillation  |
| <b>Direct connection to sterilizer:</b>                           | Yes   | Yes   | No  |
| <b>Number of connectable sterilizers:</b>                         | Up to 2 units   | Up to 6 units   | –   |
| <b>Possibility of manual filling:</b>                             | Yes (spray gun)   | Yes (spray gun)   | Yes   |
| <b>Demineralised water according to EN 13060, ANSI/AAMI ST55:</b> | Yes   | Yes   | Yes   |
| <b>Water quality (in):</b>  | Drinking water  | Drinking water  | Drinking water  |
| <b>Water quality (out):</b>                                       | 0.5–2 µS/cm   | 0.5–5 µS/cm   | 5–10 µS/cm  |
| <b>Water pressure (min./max.):</b>                                | 2–8.6 bar   | 0.5–5 bar   | –   |
| <b>Water temperature (inlet):</b>                                 | 4–30 °C/40–86 °F  | 5–30 °C/41–86 °F  | –   |
| <b>Produced water:</b>  | 60 litres/1 h   | 30 litres/1 h   | 4 litres/5 h  |
| <b>Volume storage tank:</b>                                       | –   | 7 litres  | 4 litres  |
| <b>Device dimensions (w × h × d):</b>                             | 12.4 × 12.3 × 47.6 cm   | 37 × 52 × 13 cm   | 23 cm (Ø) × 36 cm (h)   |
| <b>Water tank dimensions:</b>                                     | –   | 23 cm (Ø) × 35 cm (h)   | 17 cm (Ø) × 25 cm (h)   |
| <b>Weight:</b>  | 2.7 kg  | 13 kg   | 3.5 kg  |
| <b>Operating position:</b>  | Vertical  | Vertical  | Vertical  |
| <b>Wall mount:</b>  | No  | Yes   | No  |
| <b>External power supply needed:</b>                              | No  | Yes   | Yes   |
| <b>Electrical power supply:</b>                                   | –   | 230 V AC; 50/60 Hz; 0.6 A<br>115 V AC; 50/60 Hz; 1.2 A  | 230 V AC; 50 Hz   |
| <b>Water Block® safety valve:</b>                                 | Yes   | Yes   | –   |
| <b>Backflow preventer according to EN 1717:</b>                   | Yes   | Yes   | –   |
| <b>Item supplied:</b>   | Filter head, cartridge, tubes and connectors (incl. Water Block®), spray gun (optional) | Complete osmotic subset, storage water tank, tubes and connectors (incl. Water Block®), spray gun | Device, 6 activated charcoal sachets, 250 gr cleaner, power cord, nozzle, handle and lid for bottle |

### Distribution:

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