

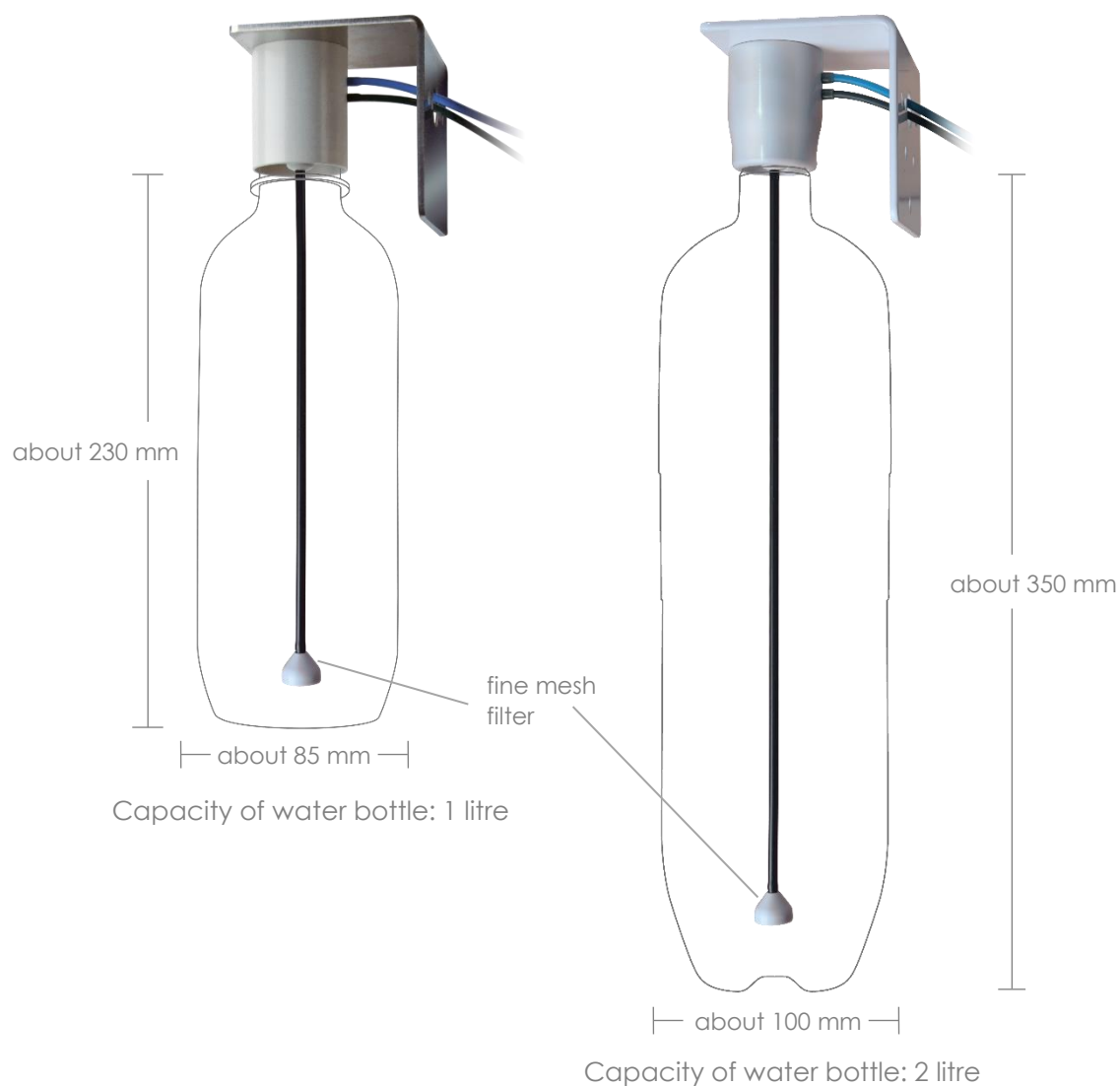
Water Bottle System Clean Water

for mounting ON unit (via angle) or IN unit (mounting in unit from below)

for mounting ON type with mounting bracket stainless steel or white

with thread for S-Stream bottles






with standard thread for e. g. DCI® bottles



For hygienic safety you can rely on Mytronic's Clean Water System

- Can be adapted to any treatment unit
- Use of clean water ensures technical safety

Explanation of Symbols Used

Symbol	Explanation
	This symbol means that there is important information for the proper handling of the product. Any non-compliance with such information may cause disturbances in the dental unit and/or in its vicinity.
	Warning! Important safety information. Please read carefully and comply.
	Manufacturer, manufacturing date MMJJJJ
	CE marking
	Medical Device

Safety Information

Please comply with the following information to ensure safe use of the water bottle system:

- The content of the bottle must be exchanged on a daily basis to prevent contamination.
- The system, including the bottle, must be checked regularly for leaks. Leaking water may cause slipping. Also, water leaks may impair the proper functioning of the system. This also applies to bottles that are not properly screwed in or are defective.
- The bottle should be replaced every six months. Scratched bottles or bottles that have turned opaque must be replaced immediately.
- The water bottle should not be cleaned in the dishwasher to avoid damage.
- The proper passage of water should be checked regularly as pollutants or faulty filling may cause clotting, especially of the fine mesh filter.
- The system must be checked regularly for air tightness. If compressed air leaks, water may not be transported properly.
- If water transport is reduced, the riser pipe and, above all, the fine mesh filter must be checked for possible clotting and be cleaned, if necessary, and/or the fine mesh filter must be replaced. In case the water bottle system (and not the further water transport via pipes and instruments) is clotted, the corresponding riser pipe must be replaced.
- Hoses must be protected against mechanical damage.

All serious incidents relating to the product must be notified to the manufacturer or the competent authority of the Member State in which the user and/or the patient is established.

Disposal

The water bottle system does not contain any hazardous substances and may be disposed of with the regular garbage.

Intended Purpose and Function

The Water Bottle System Clean Water is intended to supply dental units and, in particular, the connected dental instruments with water. The system may be operated with water bottles manufactured by DCI® or by S-Stream. The bottle itself is not included in the standard delivery of the water bottle system. The S-Stream bottle may be ordered from Mytronic.

Another function of the system is to use disinfection solution filled into the bottled to disinfect the waterways of the dental instruments and the water bottle system itself and to remove algae growth, if necessary. The bottle is filled with the adequate liquid (drinking water or disinfection solution), and the system is properly installed and connected to compressed air and water supply (see notes for installation). Then the system is ready for use.

When the water bottle is unscrewed the connected compressed air supply is stopped by a stop valve, which is opened once again when the bottled is screwed on. As a result, the bottle may be easily exchanged and refilled with the required liquid during use.

Content of Delivery and Accessories

The water bottle system is available for mounting on the unit with/without angle mounting bracket or for mounting in the unit (from below).

The delivery of the water bottle systems includes the water bottle bracket with integrated stop valve, a 2.0 bar reduction valve and a riser pipe with fine mesh filter.


The S-Stream water bottle (article no. 850.584.500) may be ordered separately from Mytronic (see „Spare Parts and Wear and Tear Parts“).

Installation

The water bottle system must be connected to an existing compressed air supply by a technician. For this a connection between the blue air hose (internal diameter 1.5 mm) and the compressed air supply must be established.

The 2.0 bar reduction valve (article no. 8101.599.20.26.269 included in the delivery must be installed between the compressed air supply and the water bottle system. It must be ensured that the reduction valve is inserted in the right direction (ON/OFF or IN/OUT)!

Then the exit of the water bottle system (green water hose, internal diameter 1.7 mm) is connected to the dental instruments to be supplied with liquid.

 It is important to ensure that the compressed air is prefiltered with a 50 µm filter. If this should not be possible, such filter must be installed in the compressed air supply line. For procuring a suitable filter and for installing such filter, please contact your dental dealer.

The riser pipe must be inserted into the water bottle bracket before starting operation.

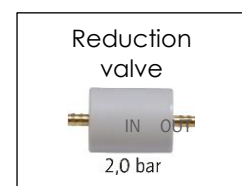
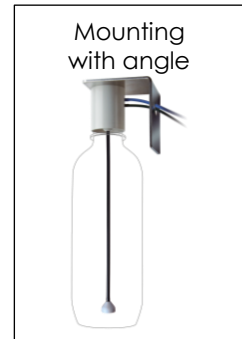
The system may be mounted on the dental treatment unit with an angle mounting bracket. The water bottle should still be easily accessible.

After installation it must be checked if air leaks while the bottle is screwed in. The assembly on the dental unit may only be done by trained specialist staff.

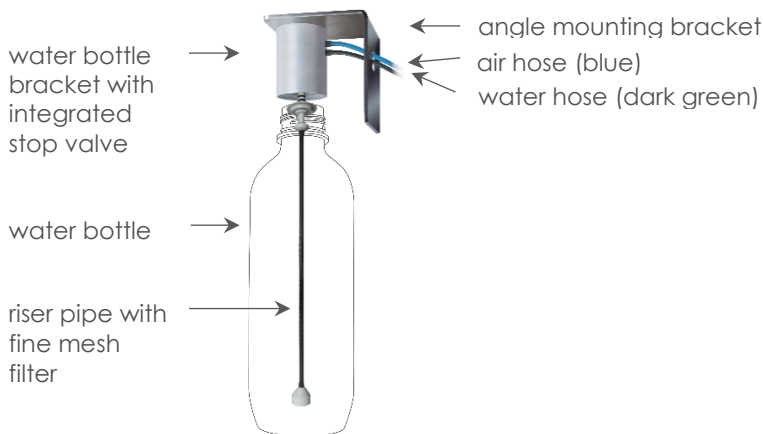
Use

- The water bottle can be unscrewed for refilling while the unit is switched on. A stop valve in the water bottle bracket prevents the release of pressure.
- The water bottle is filled with drinking water or Alpron* solution (observe manufacturer's recommendation regarding mixture).
- The water bottled is screwed into the mounting bracket; pressure builds up automatically. Now treatment may be started.
- The ready-for-use Alpron* solution must be replaced every day.
- It must be ensured that there is always enough water or Alpron* solution in the water bottle. (For detailed information see the Alpron* User Guide).

* Alpron and Bilpron are trademarks of ALPRO MEDICAL GMBH



Mounting Version with Angle Mounting Bracket



Operating/Environmental Conditions	
maximum pressure compressed air	6 bar
environmental temperature for storage/transport (dry)	-20° to 50° C
air humidity for storage/transport	between 5 and 95 %
environmental temperature during use	3° to 50° C
air humidity during use	between 5 and 95 %
atmospheric pressure	between 800 and 1200 hPa

Cleaning Instructions

The Mytronic Water Bottle System Clean Water is easy to clean. The use of detergents containing acetone or chlorine should be avoided

i The content of the bottle must be exchanged every day to prevent contamination.

The following cleaning procedure is recommended every day before starting operation:

- Rinsing the bottle with hot water and detergent. For PET bottles the temperature of the hot water must not exceed 50°C.
- Using a bottle brush for every cleaning. We recommend the use of a foam brush or lambskin brush to avoid scratching the bottle surface.
- The PET bottle must not be cleaned in the dishwasher.
- The water bottle should be exchanged every six months. Scratched bottles or bottles that have turned opaque must be replaced immediately.

Disinfection

For disinfection of the waterways we recommend the use of Bilpron* solution. Disinfection should take place once a week or after prolonged idle times. Bilpron* may remain in the treatment system over the weekend or even during extended idle times (e.g. dental practice holidays). (For detailed information please see the Bilpron* Data Sheet). For disinfection of the waterways a coloured water bottle should be used, if possible, to avoid any confusion between drinking water and disinfection solution.

First Use and Prolonged Idle Times

- The Water Bottle System Clean Water must be cleaned before first use and after prolonged idle times.

Maintenance

In case of reduced waterflow the riser pipe in the Water Bottle System Clean Water must be checked for clotting and, if necessary, be replaced (see Spare Parts and Wear and Tear Parts).

Otherwise the Water Bottle System Clean Water is maintenance-free.

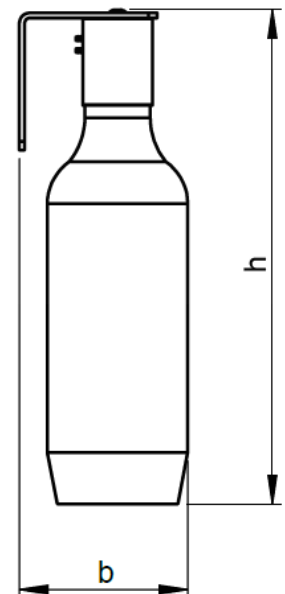
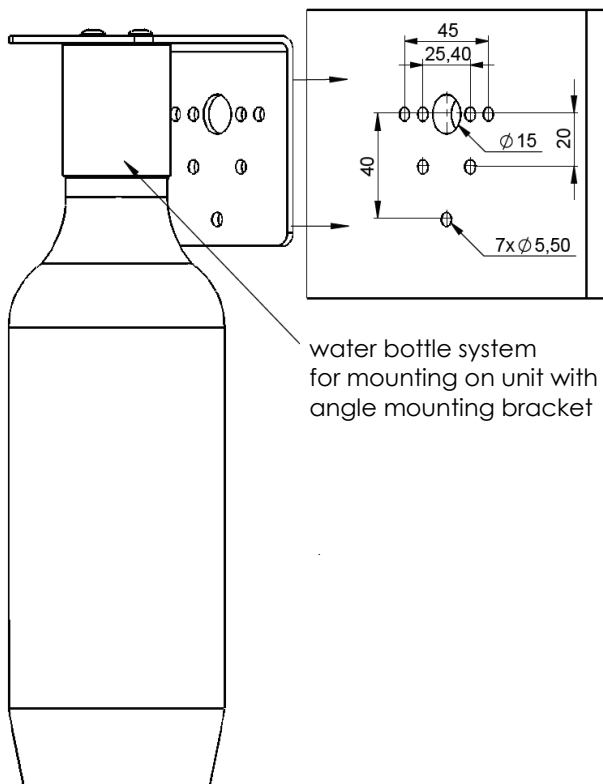
Spare Parts and Wear and Tear Parts

	Article No	Explanation
	850.584.108	Water bottle system Clean Water for ADEC® integration consisting of water bottle receptacle with integrated stop valve, thread 2xM5; adapter plate (mounted); 1x reduction valve 2.0 bar, 1 x Allen key SW 5/32", 2 x screw DIN/ISO 912 A2 10-32X5/16 and 1x water bottle MC S-Stream Standard included
Keine Abbildung / No picture available	850.584.500	Water bottle MC S-Stream standard, Capacity of water bottle: 1 litre (depending on availability, a grey, black or white bottle is delivered)
Keine Abbildung / No picture available	850.584.502	Water bottle MC S-Stream standard coloured, Capacity of water bottle: 1 litre (depending on availability, a green or orange bottle is delivered)
Keine Abbildung / No picture available	850.584.503	Water bottle MC S-Stream with stainless steel bottom, Capacity of water bottle: 1 litre
	850.584.601	Riser pipe connection S-Stream thread for S-Stream bottle volume 1,0 L for water bottle system
	850.586.601	Riser pipe connection standard thread DCI for bottle volume 0,75 L for water bottle system
	850.586.602	Riser pipe connection standard thread DCI for bottle volume 1,0 L for water bottle system
	850.586.603	Riser pipe connection standard thread DCI for bottle volume 2,0 L for water bottle system
	8101.58403.26.2 6	Water Bottle Receptacle Built-in version, 2 xM5 for MC S-Stream bottle
	8101.58408.26.2 6	Water Bottle Receptacle Built-in version, 2 xM5 for DCI-bottle
	8101.599.20.26. 26	Pressure regulator OD 12,9 x 16,4 mm 2.0 bar +/- 0.2 bar, nipple IN 2,6 mm, nipple OUT 2,6 mm, HTS Code: 90322000

→ More products and spare parts are available online at www.mytronic-dental.com

Water Bottle System Clean Water (S-Stream Thread)
for mounting on unit with angle mounting bracket

Article No	Type	Height = h	Width - b	Capacity
850.584.100.00	S-Stream	about 285 mm	about 100 mm	1 l
850.584.120.00	S-Stream	about 285 mm	about 100 mm	1 l
850.585.100.00	S-Stream	about 285 mm	about 100 mm	1 l
850.584.100.04	S-Stream	about 285 mm	about 100 mm	1 l
850.584.120.04	S-Stream	about 285 mm	about 100 mm	1 l
850.585.100.04	S-Stream	about 285 mm	about 100 mm	1 l
850.586.100.00	DCI	about 390 mm	about 110 mm	2 l
850.586.100.00	DCI	about 320 mm	about 105 mm	1 l
850.586.100.00	DCI	about 285 mm	about 100 mm	0.75 l
850.586.100.04	DCI	about 390 mm	about 110 mm	2 l
850.586.100.04	DCI	about 320 mm	about 105 mm	1 l
850.586.100.04	DCI	about 285 mm	about 100 mm	0.75 l

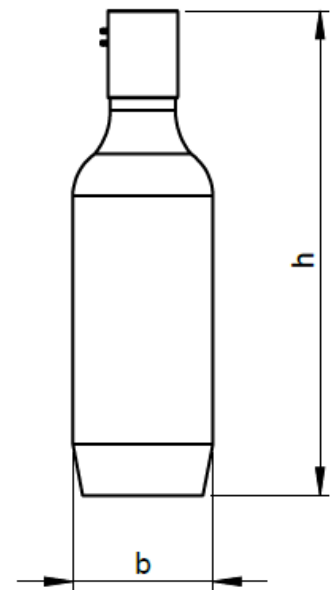
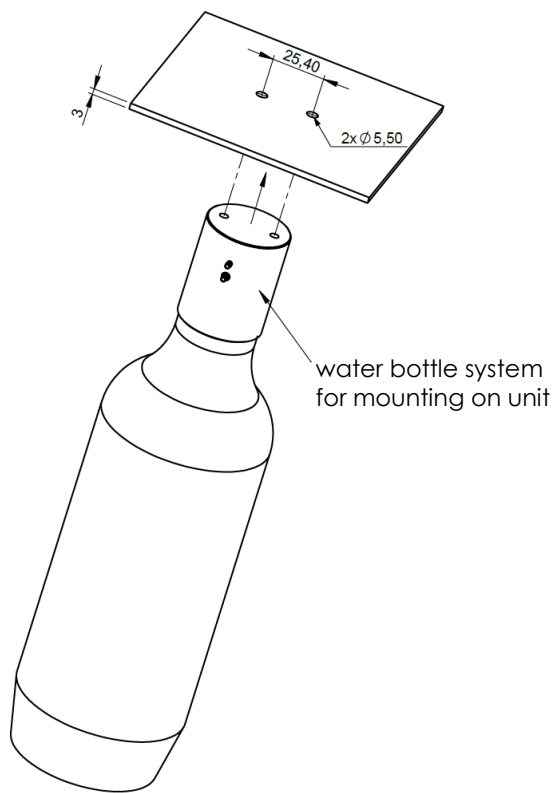


Order of Assembly

1. Drill hole of $\varnothing 15$ mm in mounting plate.
2. 7x drill holes of $\varnothing 5.5$ mm, at least 3 of these drill holes must be drilled in the mounting plate and fixed with M5 pan-head screws
NOTE: All 3 drill holes should be positioned in such a way to ensure an even spread of the mounting.
3. The hose for the compressed air supply and the water supply hose are routed through the $\varnothing 15$ mm drill hole.

Water Bottle System Clean Water (S-Stream Thread)
for mounting on unit without angle mounting bracket

Article No	Type	Height = h	Width - b	Capacity
850.584.101	S-Stream	about 280 mm	about 85 mm	1 l
850.584.121	S-Stream	about 280 mm	about 85 mm	1 l
850.585.101	S-Stream	about 280 mm	about 85 mm	1 l
850.586.101	DCI	about 385 mm	about 100 mm	2 l
850.586.101	DCI	about. 315 mm	about 88.9 mm	1 l
850.586.101	DCI	about 280 mm	about 76.2 mm	0.75 l

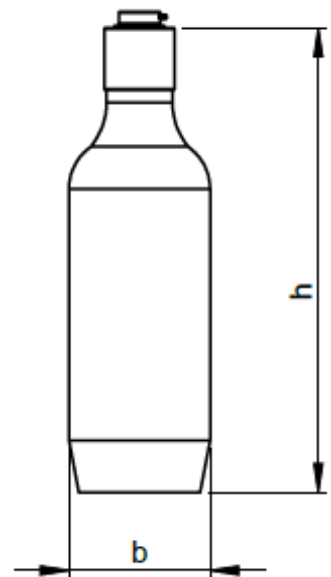
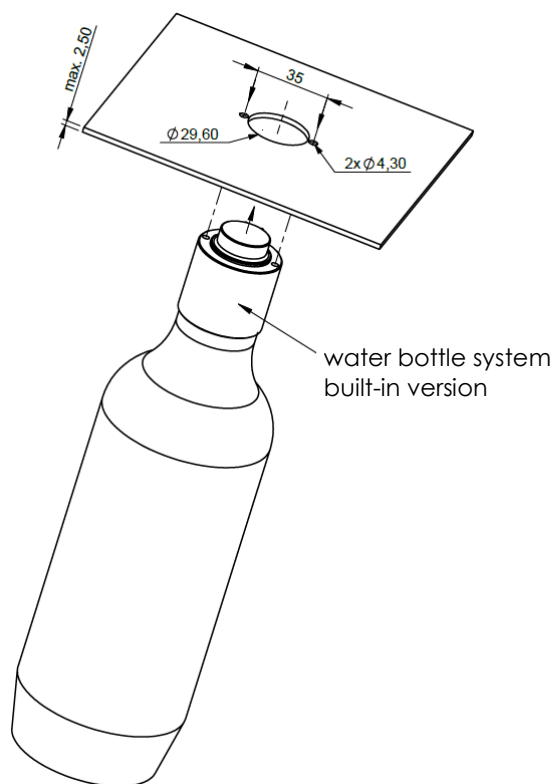


Order of Assembly

1. Drill 2 holes of $\varnothing 5.5$ mm in mounting plate.
2. Align water bottle system with the $\varnothing 5.5$ mm drill holes.
3. Fix water bottle system with M5x12 screws.
NOTE: A plate thickness of 3 mm was assumed.

Water Bottle System Clean Water (S-Stream Thread)
Built-In Version

Article No	Type	Height = h	Width - b	Capacity
850.584.104	S-Stream	about 270 mm	about 85 mm	1 l
850.586.104	DCI	about 385 mm	about 100 mm	2 l
850.586.104	DCI	about 315 mm	about 88,9 mm	1 l
850.586.104	DCI	about 280 mm	about 76,2 mm	0.75 l



Order of Assembly

1. Drill hole of $\varnothing 29.6$ mm in mounting plate.
2. 2x drill holes of $\varnothing 4.3$ mm in mounting plate.
NOTE: All 3 drill holes must be on the same axis.
3. Insert water bottle system in $\varnothing 29.6$ mm drill hole and align with $\varnothing 4.3$ mm drill holes.
4. Fix water bottle system with M4x12 screws.

Many Years of Experience

Founded in 1971, Mytronic has been a recognized manufacturer in the dental sector for more than 50 years specializing in the development and production of dental medical instrument hoses and spare parts.

One contact only!

As we produce more than 90% of our products ourselves, have our own development department and make our own tools and moulds, we are in a position to respond quickly to any customer requirements. We at Mytronic also like to identify and initiate new ideas - together with our customers we develop new products and find solutions.

We are equipped with laser systems, CNC lathes, eroding and grinding machines, HSC processing centres (high speed cutting), extrusion facilities, injection moulding units, etc.

Quality “Made in Germany“

Mytronic stands for high quality, innovation and reliable and durable products „Made in Germany“!

Certification

Mytronic is certified according to DIN EN ISO 13485.

All from a single source!

Mytronic has its own development department, manufacture our own tools and moulds and produce over 90 % of our products ourselves. Therefore, we are in a position to respond to any new product requirements quickly and can ensure highest quality standards.

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