



H₂O - WATER IN ITS PUREST FORM

OmniaTap xs^{touch} BlueLine Pure

The Allrounder for H₂O pure types I + II

OmniaTapxs^{touch} BlueLine

The Allrounder.

For H₂O pure types I + II.

OmniaTapxs^{touch} is the ideal system when both pure water and ultrapure water are required, but in relatively small amounts. The ability to provide both types from a single system results from the combination of ultramodern purification technologies. These also make it possible to connect the system directly to tap water. A press on the dispenser button activates dispensing of ultrapure water type I via the digital dispenser control. The adaptable pure water tanks with a volume of 7, 30 or 60 liters enable the continuous withdrawal of type II laboratory water for other applications.

Features

- OptiFill^{touch} dispenser is standard
- Simple and economical filter change
- Leakage sensor is standard
- Integrated pressure reducer is standard
- Precise volume control
- Ready-to-use, including filter cartridges



Dispenser on the bench,
production unit under the table



Dispenser on the wall,
production unit under the table



One hand
operation



Easy water
dispensing



Fits neatly
on the wall



Space saving
under table



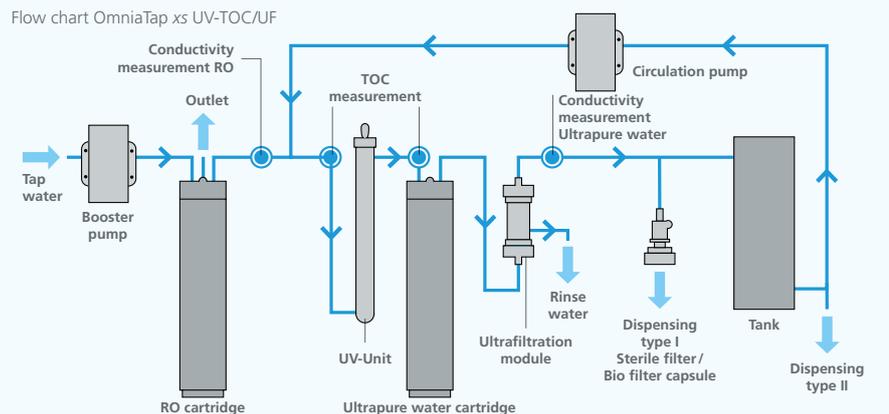
Specifications	OmniaTap xs ^{touch} 8 UV-TOC	OmniaTap xs ^{touch} 8 UV-TOC/UF
Ultrapure water values type II		
Pure water performance at 15 °C [l/h]	8	8
Conductivity at 25 °C [µS/cm]	0.067 up to 0.1	0.067 up to 0.1
Resistance at 25 °C [MΩ x cm]	15 up to 10	15 up to 10
Ultrapure water values type I		
Conductivity at 25 °C [µS/cm]	0.055	0.055
Resistance at 25 °C [MΩ x cm]	18.2	18.2
TOC-value* [ppb]	< 5	< 5
TOC monitor	yes	yes
Dispensing performance [l/min.]	up to 2	up to 2
Individually adjustable dispensing volume [liters]	0.05 up to 25	0.05 up to 25
Particles** > 0.2 µm [1/ml]	< 1	< 1
Bacteria** [CFU/ml]	< 0.01	< 0.01
Pyrogens (Endotoxins)*** [EU/ml]	-	< 0.001
RNase*** [pg/ml]	-	< 1
DNase*** [pg/ml]	-	< 5
Proteases*** [µg/ml]	-	< 0.15
* The values given are typical and may vary depending on the quality of the feed water	** With sterile filter capsule 0.2µm or bio filter capsule	*** With ultrafilter/bio filter capsule

Feedwater requirements		
Tap water according to DIN 2000		
Feedwater pressure [bar]	1 up to 6	1 up to 6
Conductivity at 25 °C [µS/cm]	< 2000*	< 2000*
Colloid index SDI	< 5**	< 5**
Dissolved CO ₂ [ppm]	< 30	< 30
Free chlorine [ppm]	< 0.1	< 0.1
TOC [ppm]	< 2	< 2
Hardness [as CaCO ₃] [ppm]	< 300	< 300
Iron/manganese [mg/l]	< 0.05	< 0.05
Silica [ppm]	< 30	< 30
pH range	4 up to 10	4 up to 10
* Feed water with high conductivity can reduce the service life of the cartridges and increase the conductivity of type III water. If the conductivity is between 800 and 2000 µS/cm, we recommend using a water softener		** With an SDI/FI between 3 and 5, pre-treatment must be used

Technical data		
Feedwater connection	R3/4"	R3/4"
Electrical connection [Volt/Hz]	90–240/50–60	90–240/50–60
Connected load [W]	120	120
Ambient temperature [°C]	4 up to 40 (Recommendation: 10 up to 25)	4 up to 40 (Recommendation: 10 up to 25)
Printer port	RS232	RS232
Data port	USB-A	USB-A
Dimensions without tank* [W x H x D mm]	240 x 530 x 435	240 x 530 x 435
Dimensions with 7 l docking tank* [W x H x D mm]	253 x 530 x 520	253 x 530 x 520
Weight dry [kg]*	17	17
Dimensions production unit without tank*** [W x H x D mm]	240 x 415 x 310	240 x 415 x 310
Dimensions production unit with 7 l docking tank*** [W x H x D mm]	253 x 420 x 435	253 x 420 x 435
Weight production unit dry [kg]	16	16
Dimensions OptiFill ^{touch} wall dispenser [W x H x D mm]	90 x 482 x 337	90 x 482 x 337
Weight wall dispenser [kg]	1	1
Dimensions OptiFill ^{touch} bench dispenser [W x H x D mm]	250 x 650 (750**) x 380	250 x 650 (750**) x 380
Weight bench dispenser [kg]	3	3
* With OptiFill ^{touch} dispenser	** With extension	*** Under table variant

Article no.	System type* Standard	Article no.	System type Production unit under table + wall dispenser*/**	Article no.	System type Production unit under table + bench dispenser*/**	Typical applications
STBL18120084	OmniaTap xs 8 UV-TOC	STBL18121084	OmniaTap-W xs 8 UV-TOC	STBL18122084	OmniaTap-T xs 8 UV-TOC	Ultra-trace analysis, ICP-MS, HPLC, TOC-analysis
STBL18120085	OmniaTap xs 8 UV-TOC/UF	STBL18121085	OmniaTap-W xs 8 UV-TOC/UF	STBL18122085	OmniaTap-T xs 8 UV-TOC/UF	Life science and microbiology, cell culture media

Flow chart OmniaTap xs UV-TOC/UF



* An external tank is required to operate the OmniaTap xs^{touch}, see page 13. Already contains RO cartridge, ultrapure water cartridge, sterile filter capsule 0.2 µm, sterile overflow and aeration filter

** The Omnia xs production unit can either be installed on a bench, on a wall or under the bench.

Accessories

STBL19200020	Pre-treatment unit 5 µm + hardness stabilization
STBL19200022	Pre-treatment unit 5 µm + activated carbon
STBL19200305	Wall mount Omnia xs
STBL19200090	Disinfection cartridge Omnia xs
STBL19200057	Disinfectant Omnia – 1 pcs./pack
STBL19200091	Disinfection kit Omnia xs (Cartridge + 1 pcs. disinfectant)
STBL19102100	Bio filter capsule
STBL19200092	Extension table dispenser 10 cm
STBL19200062	Data printer

The Omnia Optifill^{touch} Table / Wall. Practical. Flexible. Space-saving.

Make optimum use of the valuable space in your laboratory and position the production unit under the bench. With the external dispenser and monitoring unit OptiFill^{touch} Table / Wall, you can adapt the positioning to your laboratory environment. Whether practically standing on the laboratory bench or space-saving on the laboratory wall.

Table



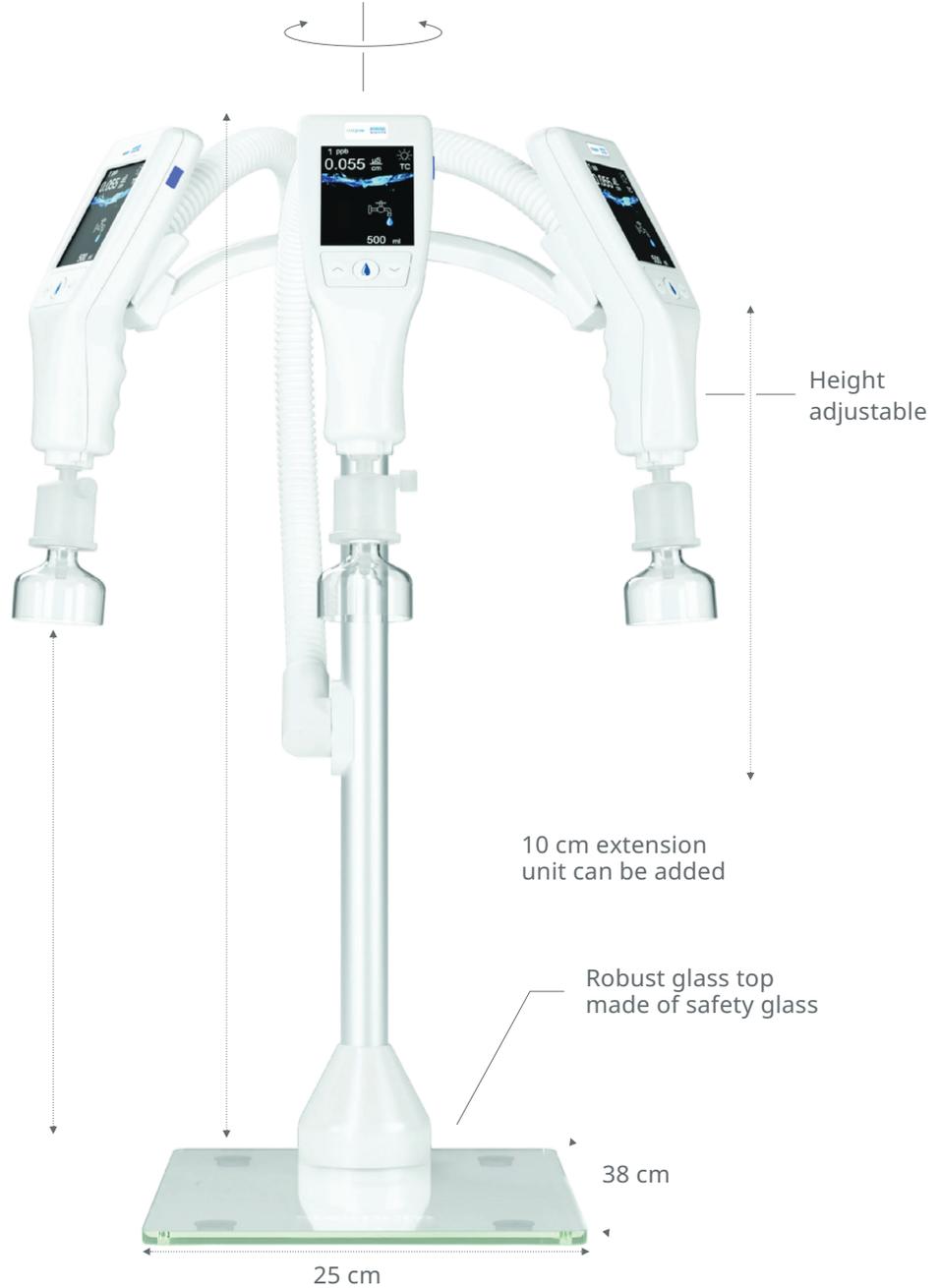
Wall



Separate from the production unit.
The external dispensers can be placed on the wall to save space or flexible on the laboratory bench.

Pivotable up to 180 degrees and 120 cm diameter

Total height: 65 cm,
with extension: 75 cm



Filling height under
sterile filter: 41 cm,
with extension: 51 cm

OmniaTap xs^{touch} Tank options

Flexible. Comfortable. Qualitative.

An external tank is required to operate the OmniaTap xs^{touch}. You can choose between three tank variants, depending on the requirements of your laboratory and the space available.

Each tank guarantees consistently high water quality (type II) and can supply laboratory equipment directly via optional booster pumps.

Features

- Conical bottom outlet for complete draining and effective sanitization
- Hygienic tank overflow and tank ventilation filter protect against contamination
- Complete recirculation of the purified water to prevent stagnation
- Practical pure water tap directly on the tank
- Optional booster pumps integrated in the tank or external for supplying laboratory equipment with different capacities
- Optional UV tank disinfection unit to prevent bacterial growth



7-liter docking tank

Can be mounted directly on the appliance, space-saving and efficient.

30-liter tank

Flexible installation – on the laboratory bench or under bench in the laboratory cabinet, with or without base.

60-liter tank

Ideal for larger quantities of water – also suitable for under table installation* without a base.

* Installation height with tank ventilation filter 80 cm



Pure water tanks for OmniaTap devices

Article no.**	Volume	Material	Dimensions* (WxHxD mm)	Weight dry (kg)
STBL16500017	7 l	PE	Docking tank	2
STBL16500031	30 l	PE	338 x 568 x 413	6.5
STBL16500061	60 l	PE	338 x 778 x 413	8

Pure water tank with integrated booster pump

Article no.**	Pump capacity (l/h-bar)	Weight dry (kg)
STBL16500032	100-2	10
STBL16500062	100-2	11

Accessoires

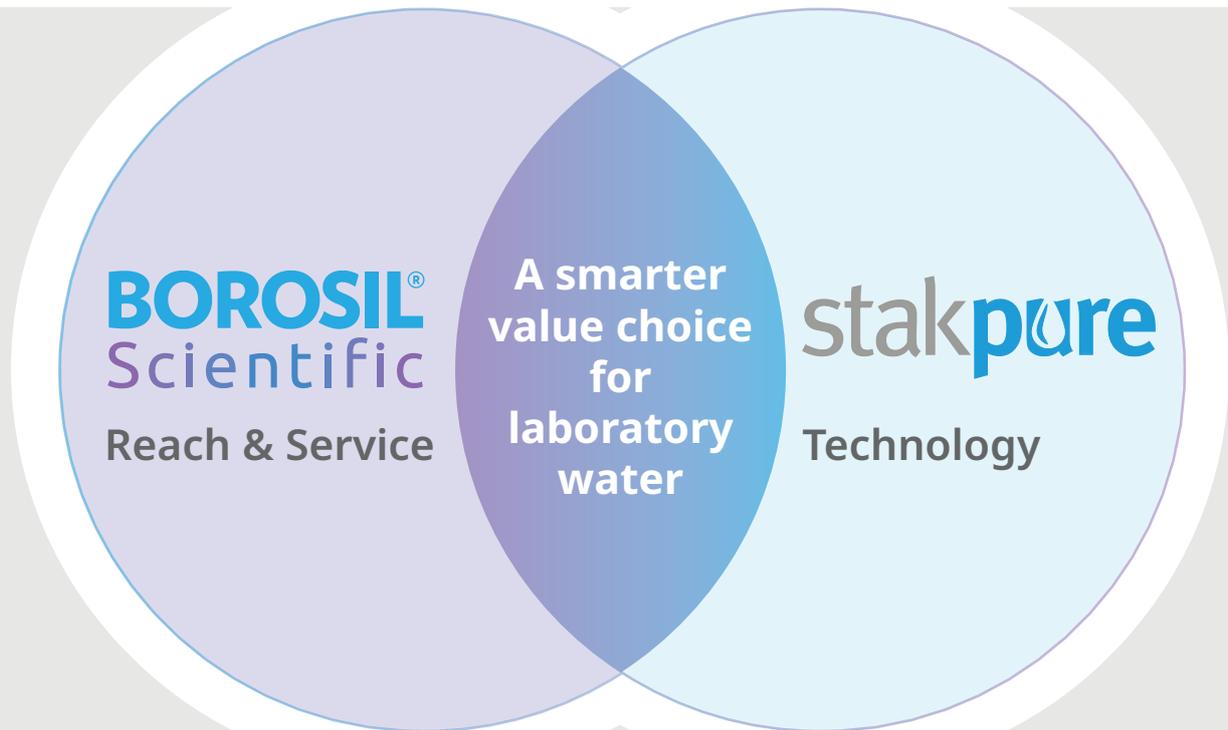
STBL19200050	UV tank disinfection unit Omnia 254 – 16 watts
STBL28000084	Tank removal set for OmniaTap 7-liter docking tank
STBL19501500	Wall mount for pure water tank 30/60 l
STBL16580000	External pump station 100 l/h - 2 bar
STBL16561201	External pump station 2000 l/h - 3.5 bar

* Without aeration filter

** With level sensor, sterile overflow, ventilation filter + CO₂ absorber



A Collaboration Built to Deliver



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