



OmniaTap xs^{basic}

The allrounder. For H₂O pure types I + II.

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OmniaTap xs^{basic} 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

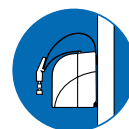
- OptiFill^{basic} dispenser is standard
- Simple and economical filter change
- Leakage sensor is standard
- **Ready-to-use, including filter cartridges**



One hand
operation



Easy water
dispensing



Fits neatly
on the wall

Tank options



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

Specifications	OmniaTap xs ^{basic} 8	OmniaTap xs ^{basic} 8 UV	OmniaTap xs ^{basic} 8 UV-TOC/UF
Ultrapure water values type II			
Pure water performance at 15°C [l/h]	8	8	12 or 20
Conductivity at 25°C [µS/cm]	0.067 up to 0.1	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	15 up to 10

Ultrapure water values type I			
Conductivity at 25°C [µS/cm]	0.055	0.055	0.055
Resistance at 25°C [MΩ x cm]	18.2	18.2	18.2
TOC-value* [ppb]	< 10	< 5	< 5
Dispensing performance [l/min.]	up to 2	up to 2	up to 2
Dispensing preset volumes	optional	optional	optional
Particles** > 0.2 µm [1/ml]	< 1	< 1	< 1
Bacteria** [CFU/ml]	< 0.01	< 0.01	< 0.01
Pyrogens (Endotoxins)*** [EU/ml]	–	–	< 0.001
RNase*** [pg/ml]	–	–	< 1
DNase*** [pg/ml]	–	–	< 5

* The values given are typical and may vary depending on the quality of the feed water ** With sterile filter capsule 0.2 µm *** With ultrafilter/bio filter capsule

Feedwater requirements			
Tap water according to DIN 2000			
Feedwater pressure [bar]	1 up to 6	1 up to 6	1 up to 6
Conductivity at 25°C [µS/cm]	< 2000*	< 2000*	< 2000*
Colloid index SDI	< 5**	< 5**	< 5**
Dissolved CO ₂ [ppm]	< 30	< 30	< 30
Free chlorine [ppm]	< 0.1	< 0.1	< 0.1
TOC-value [ppm]	< 2	< 2	< 2
Hardness [as CaCO ₃] [ppm]	< 300	< 300	< 300
Iron/manganese [mg/l]	< 0.05	< 0.05	< 0.05
Silicia [ppm]	< 30	< 30	< 30
pH range	4 up to 10	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. ** With an SDI/FI between 3 and 5, pre-treatment must be used *** With an SDI/FI between 3 and 5, pre-treatment must be used

Technical data			
Feedwater connection	R3/4"	R3/4"	R 3/4"
Electrical connection [Volt/Hz]	90-240/50-60	90-240/50-60	90-240/50-60
Connected load [W]	120	120	0.1
Ambient temperature [°C]	4 up to 40 (Recommendation: 10 up to 25)	4 up to 40 (Recommendation: 10 up to 25)	4 up to 40 (Recommendation: 10 up to 25)
Dimensions with 7 l docking tank* [W x H x D mm]	253 x 530 x 520	253 x 530 x 520	390 x 720 x 525
Weight dry [kg]	19	19	18

The device can be installed either on a bench or on a wall.

System type*	Typical applications
STBL18150061 OmniaTap xs basic 8	AAS, IC, ICP, buffers and media preparation
STBL18150062 OmniaTap xs basic 8 UV	Ultra-trace analysis, ICP-MS, HPLC, TOC-analysis
STBL18150063 OmniaTap xs basic 8 UV-TOC/UF	Life science and microbiology, cell culture media

* An external tank is required to operate the OmniaTap xs^{basic}. RO cartridge, ultrapure water cartridge, sterile filter capsule 0.2 µm, sterile overflow and sterile vent filter included

Pure water tanks for OmniaTap devices

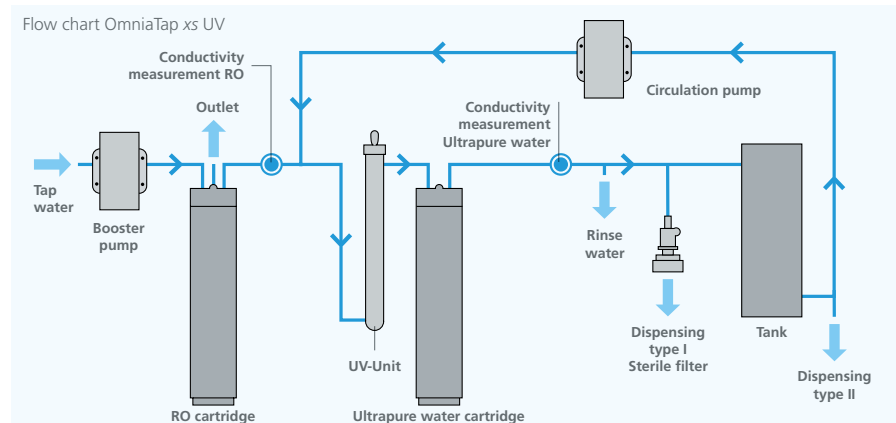
Article no.**	Volume	Material	Dimensions* (WxHxD mm)	Weight dry (kg)
STBL16500017	7 l	PE	Docking tank	2
STBL16500031	30 l	PE	338 x 568 x 413	6.5
STBL16500061	60 l	PE	338 x 778 x 413	8

Accessoires	
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
STBL19200050	Volume dosing Omnia xs

Pure water tank with integrated booster pump

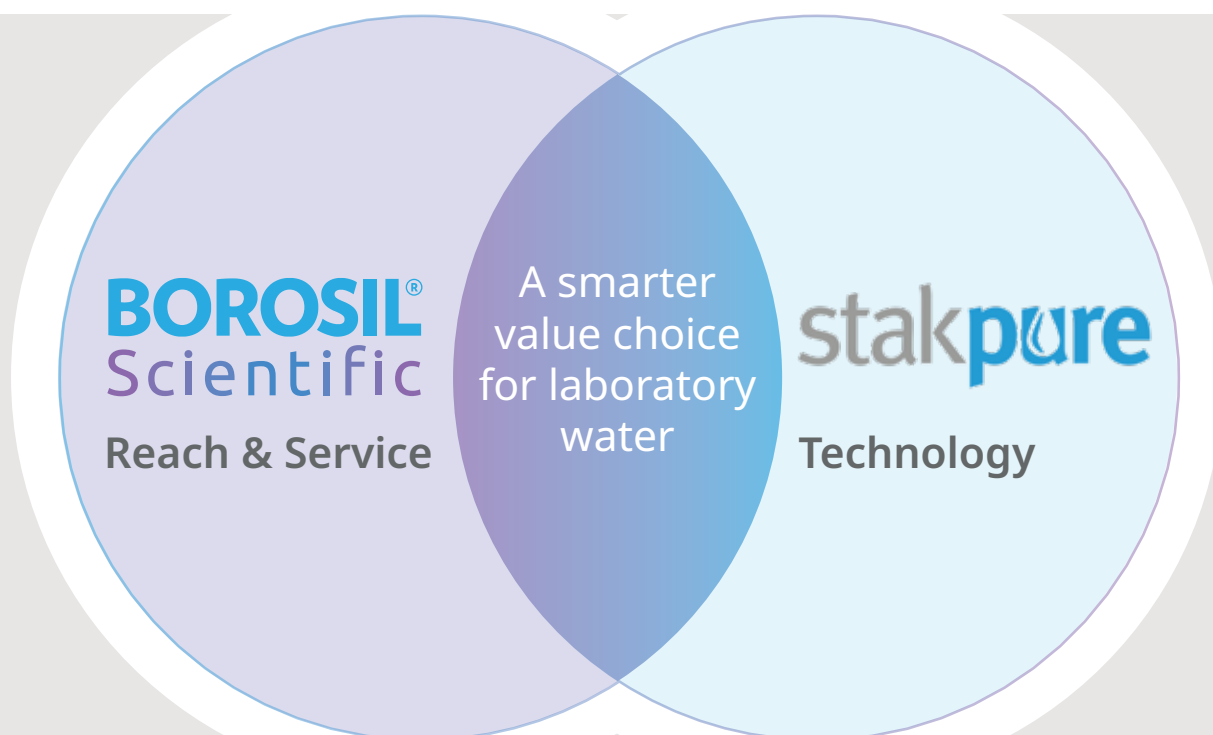
Article no.**	Pump capacity (l/h-bar)	Weight dry (kg)
STBL16500032	100-2	10
STBL16500062	100-2	11

* Without aeration filter
** With level sensor, sterile overflow, ventilation filter + CO₂ absorber



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

A Collaboration Built to Deliver



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