

OmniaTap *xs^{basic}*

The Allrounder.

For H₂O pure types I + II.

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

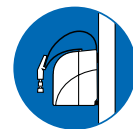
- OptiFill *basic* dispenser is standard
- Simple and economical filter change
- Leakage sensor is standard
- Ready-to-use, including filter cartridges



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} 5	OmniaTap xs ^{basic} 5 UV
Ultrapure water values type II		
Pure water performance at 15°C [l/h]	5	5
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]	< 10	< 5
Dispensing performance [l/min.]	up to 2	up to 2
Dispensing preset volumes	optional	optional
Particles** > 0.2 µm [1/ml]	< 1	< 1
Bacteria** [CFU/ml]	< 0.01	< 0.01

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

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-value [ppm]	< 2	< 2
Hardness [as CaCO ₃] [ppm]	< 300	< 300
Iron/manganese [mg/l]	< 0.05	< 0.05
Silicia [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. ** With an SDI/FI between 3 and 5, pre-treatment must be used
If the conductivity is between 800 and 2000 µS/cm, we recommend using a water softener

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)
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]	19	19

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

Article no.	System type*	Typical applications
18120051	OmniaTap xs basic 5	AAS, IC, ICP, buffers and media preparation
18120052	OmniaTap xs basic 5 UV	Ultra-trace analysis, ICP-MS, HPLC, TOC-analysis

* 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)
16500017	7 l	PE	Docking tank	2
16500031	30 l	PE	338 x 568 x 413	6.5
16500061	60 l	PE	338 x 778 x 413	8

Accessoires	
19200020	Pre-treatment unit 5 µm + hardness stabilization
19200022	Pre-treatment unit 5 µm + activated carbon
19200305	Wall mount Omnia xs
19200090	Disinfection cartridge Omnia xs
19200057	Disinfectant Omnia – 1 pcs./pack
19200091	Disinfection kit Omnia xs (Cartridge + 1 pcs. disinfectant)
19102100	Bio filter capsule
19200050	Volume dosing Omnia xs

Pure water tank with integrated booster pump		
Article no.**	Pump capacity (l/h-bar)	Weight dry (kg)
16500032	100-2	10
16500062	100-2	11

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

Accessoires	
19200050	UV tank disinfection unit Omnia 254 – 16 watts
28000084	Tank removal set for OmniaTap 7-liter docking tank
19501500	Wall mount for pure water tank 30/60 l
16580000	External pump station 100 l/h - 2 bar
16561201	External pump station 2000 l/h - 3.5 bar

