

Omnia *xs<sup>basic</sup>*

Pure and ultrapure water systems.

Extra slim. Practical.

Compact.



**For demanding applications  
in the smallest of spaces.**

In life sciences and labs.

**stakpure**

H<sub>2</sub>O – WATER IN ITS PUREST FORM



# H<sub>2</sub>O pure. Pure and ultrapure water from the super slim Omnia xs compact system with intuitive *basic* dispenser.

Work space in laboratories must be used efficiently. The Omnia xs system frees up space on the lab bench and makes work more efficient.

Despite the extremely compact design in xs format, the system works in a resource-saving and completely autonomous way. Accessories such as a leakage sensor, pressure reducer, and pre-treatment cartridges are already integrated in the compact housing. This saves space in the laboratory and also ensures exceptional operational and occupational safety.





**Reliable. Reproducible.** The quality of the ultrapure water is what counts. Consistently high water quality is crucial for the reproducibility of the analysis results.

**Constant, highest quality standard.** Even in ultrapure water systems stagnant water can lead to the formation of biofilm. That is why our Omnia series has a recirculation function that prevents the growth.



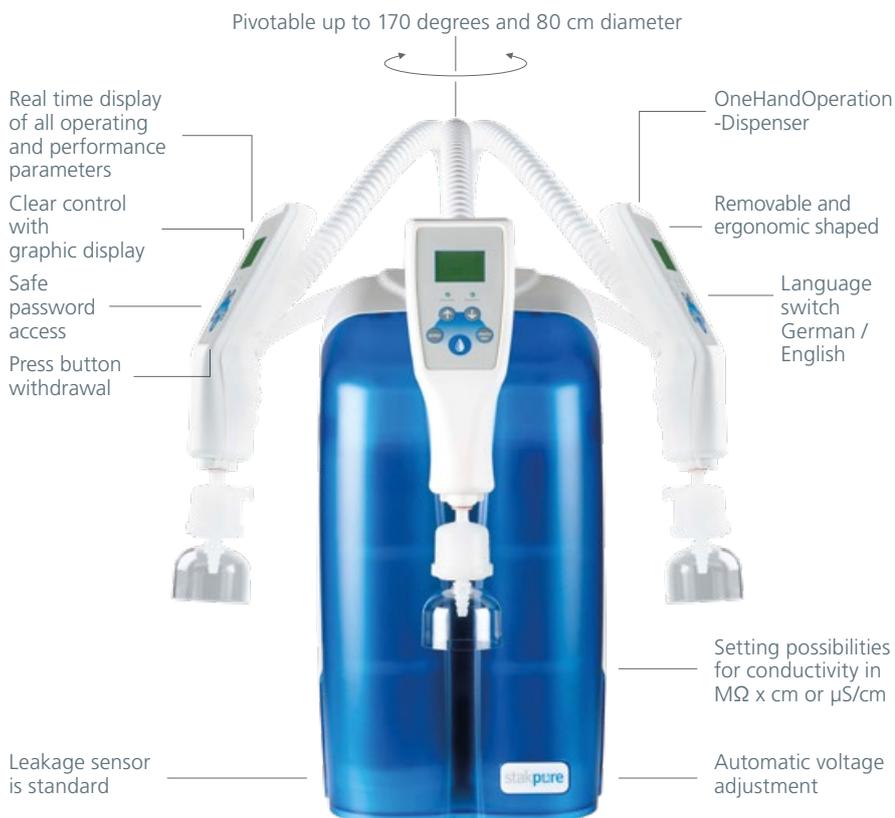
Super flat dispenser arm.



Autonomous specialist with integrated pre-treatment and ultrapure water cartridge. Simple cartridge change in seconds.



Equipped with OneHandOperation-Dispenser *basic* – removable, rotatable and swiveling with flexible connection for convenient water withdrawal.



# OmniaPure *xs<sup>basic</sup>*

## The specialist.

### For H<sub>2</sub>O pure type I.

When your need is for highest quality pure water that fulfils the demands of analytical and life science laboratory requirements, then one of these OmniaPure systems will be the right choice for you. The incorporated pre-treatment constantly ensures the reliability of your experimental results and reduces running costs.

#### Features

- OptiFill<sup>basic</sup> dispenser is standard
- Simple and economical filter change
- Leakage sensor is standard
- Integrated pressure reducer is standard
- Very space saving
- Ready-to-use, including filter cartridges



One hand operation



Easy water dispensing



Fits neatly on the wall



Surface-efficient – so narrow that it almost fits on an A4 sheet ...

Specifications	OmniaPure xs <sup>basic</sup>	OmniaPure xs <sup>basic</sup> UV
<b>Ultrapure water values type I</b>		
Conductivity at 25 °C [ $\mu\text{S}/\text{cm}$ ]	0.055	0.055
Resistance at 25 °C [ $\text{M}\Omega \times \text{cm}$ ]	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 $\mu\text{m}$ [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  $\mu\text{m}$

#### Feedwater requirements

Water prepared by ion exchange, reverse osmosis, electrodeionisation or distillation

Feedwater pressure [bar]	1 up to 6	1 up to 6
Conductivity at 25 °C [ $\mu\text{S}/\text{cm}$ ]	< 100	< 100
TOC-value [ppb]	< 50	< 50

#### Technical data

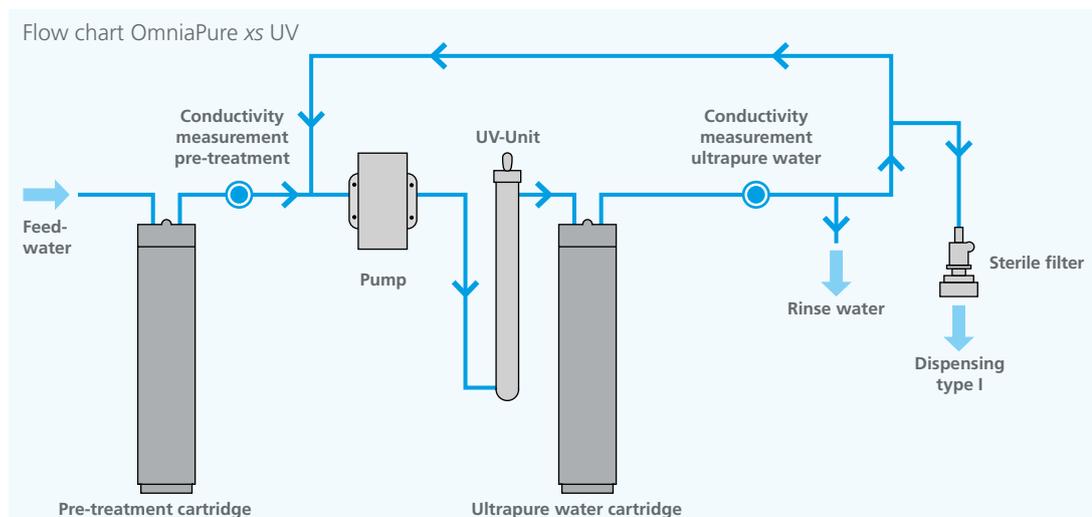
Feedwater connection	R3/4"	R3/4"
Electrical connection [Volt/Hz]	90-240/50-60	90-240/50-60
Connected load [W]	120	120
Ambient temperature [°C]	4 up to 40 [Recommendation: 10 up to 25]	4 up to 40 [Recommendation: 10 up to 25]
Dimensions [W x H x D mm]	240 x 530 x 435	240 x 530 x 435
Weight dry [kg]	14	14

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

Article no.	System type*	Typical applications
18000004	OmniaPure xs basic	AAS, IC, ICP, buffers and media preparation
18000005	OmniaPure xs basic UV	Ultra-trace analysis, ICP-MS, HPLC, TOC-analysis

\* Pre-treatment cartridge-, ultrapure water cartridge and steril filter capsule 0,2  $\mu\text{m}$  included

Accessories	
19200305	Wall mount Omnia xs
19200500	Volume dosing Omnia xs
19200090	Disinfection cartridge Omnia xs
19200057	Disinfectant Omnia – 3 pcs./pack
19200091	Disinfection kit Omnia xs complete



# OmniaTap *xs<sup>basic</sup>*

## The Allrounder.

## For H<sub>2</sub>O pure types I + II.

OmniaTap *xs<sup>basic</sup>* 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 <sup>basic</sup> 5	OmniaTap xs <sup>basic</sup> 5 UV
<b>Ultrapure water values type II</b>		
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

<b>Ultrapure water values type I</b>		
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 <sub>2</sub> [ppm]	< 30	< 30
Free chlorine [ppm]	< 0.1	< 0.1
TOC-value [ppm]	< 2	< 2
Hardness [as CaCO <sub>3</sub> ] [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<sup>basic</sup>. RO cartridge, ultrapure water cartridge, sterile filter capsule 0.2 µm, sterile overflow and sterile vent filter included

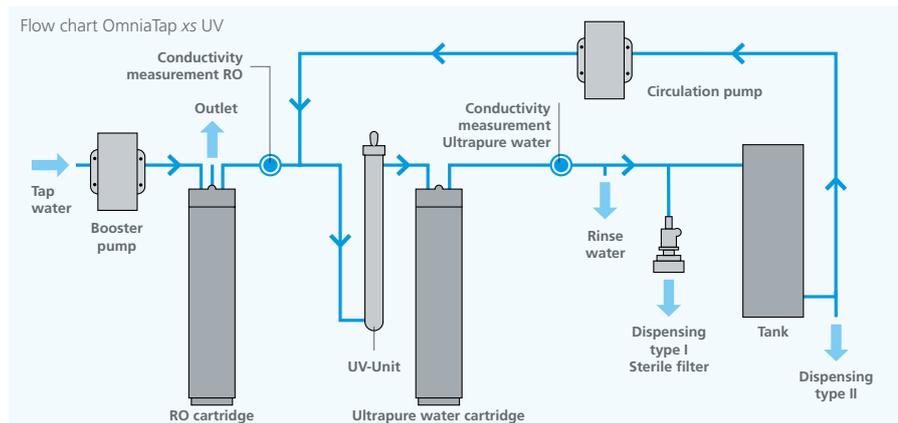
Pure water tanks for OmniaTap devices				
Article no.**	Volume	Material	Dimensions* (WxHxD mm)	Weight dry (kg)
16500017	7 l	PE	Docking tank	2
16500031	30 l	PE	338 x 568 x 413	6.5
16500061	60 l	PE	338 x 778 x 413	8

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 + CO<sub>2</sub> 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



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We are certified according to ISO 9001: 2015

Is reliable and economic preparation of pure and/or ultrapure water a topic for you? Just call us!

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[www.stakpure.de](http://www.stakpure.de)

Retailer panel