OmniaTap *xs touch* Blueline
The Allrounder.
For H_2O pure types I + II.

OmniaTap *xs 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

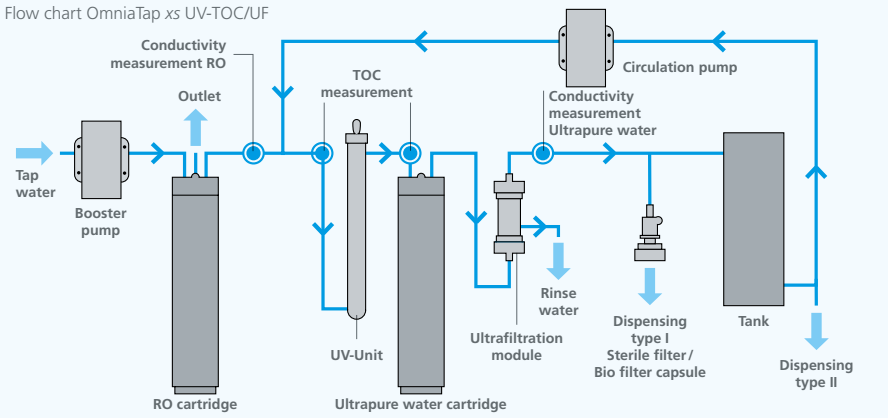
Space saving under table

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 0.2 µm 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 procuction unit without tank*** [W x H x D mm]	240 x 415 x 310	240 x 415 x 310
Dimensions procuction 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
18120084	OmniaTap *xs* 8 UV-TOC	18121084	OmniaTap-W *xs* 8 UV-TOC	18122084	OmniaTap-T *xs* 8 UV-TOC	Ultra-trace analysis, ICP-MS, HPLC, TOC-analysis
18120085	OmniaTap *xs* 8 UV-TOC/UF	18121085	OmniaTap-W *xs* 8 UV-TOC/UF	18122085	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	
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
19200092	Extension table dispenser 10 cm
19200062	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.

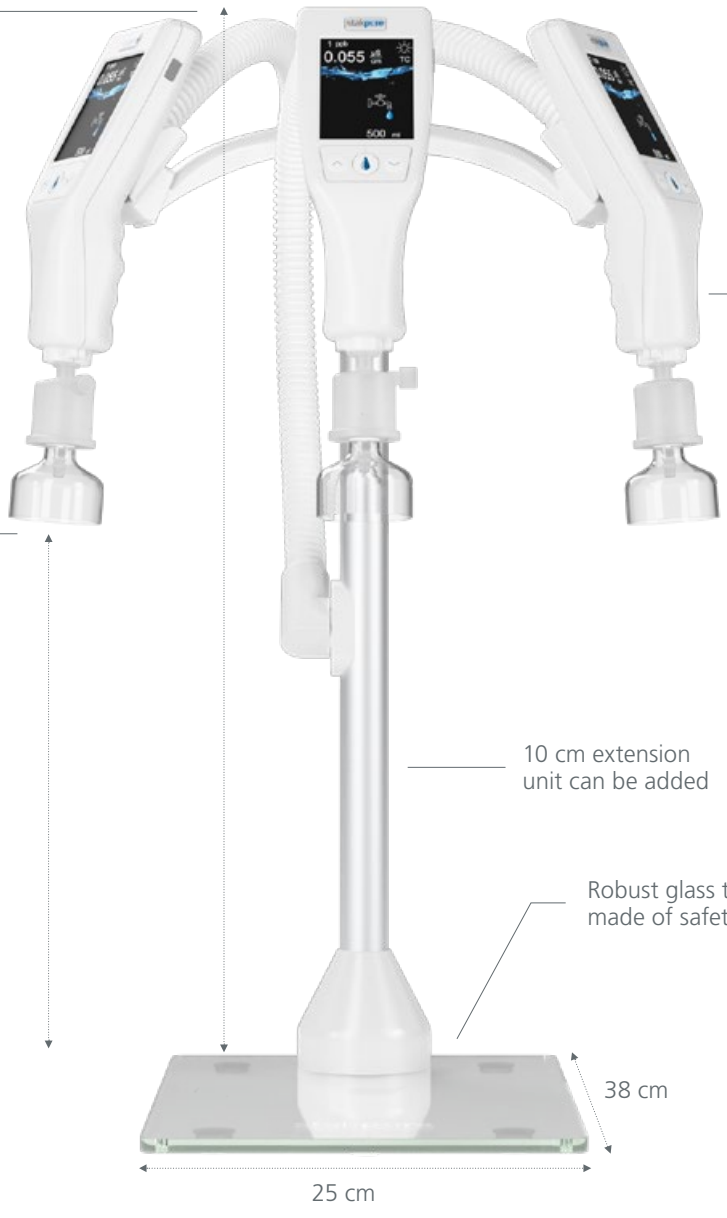
Table

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



Height adjustable

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

10 cm extension unit can be added

Robust glass top made of safety glass

38 cm

25 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* (W x H x D 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

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

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

* Without aeration filter
** With level sensor, sterile overflow, ventilation filter + CO_2 absorber