

OmniaTap *xs^{touch}* BlueLine

The Allrounder.

For H₂O 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 recirculation of the pure water held in the installed 7 litre tank keeps it permanently at type II quality. The pure water tank provides a second outlet for feeding downstream end users.

Features

- OptiFill *touch* dispenser is standard
- Spent filters are simply and quickly exchanged
- Leakage sensor is standard
- Integrated pressure reducer is standard
- Precise volume control
- Ready-to-use, including filter cartridges



Dispenser only on the bench,
production unit under the table



Dispenser only on the wall,
production unit under the table



One hand
operation



Easy water
dispensing



Fits neatly
on the wall



Space saving
under table

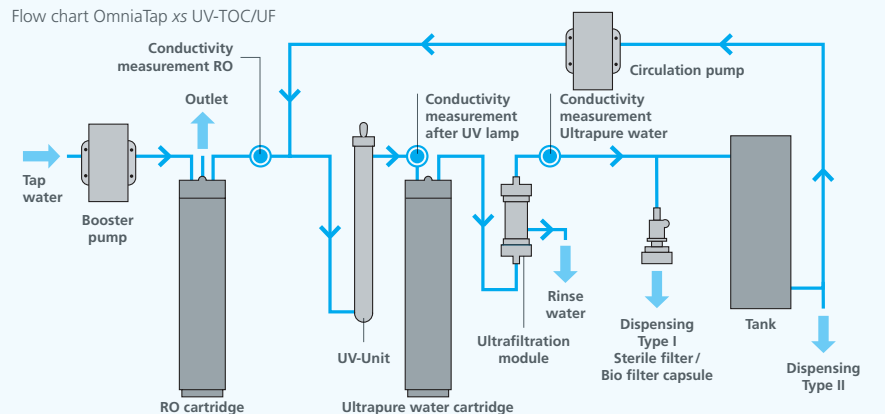
Specifications	OmniaTap xs ^{touch} 8 UV-TOC	OmniaTap xs ^{touch} 8 UV-TOC/UF
Ultrapure water values type II		
Pure water performance at 15 °C [l/h]	8	8
Conductivity at 25 °C [μ S/cm]	0.067 up to 0.1	0.067 up to 0.1
Resistance at 25 °C [$M\Omega$ x cm]	15 up to 10	15 up to 10
Ultrapure water values type I		
Conductivity at 25 °C [μ S/cm]	0.055	0.055
Resistance at 25 °C [$M\Omega$ x cm]	18.2	18.2
TOC-value* [ppb]	< 2	< 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 μ m [1/ml]	< 1	< 1
Bacteria** [KBE/ml]	< 0.01	< 0.01
Pyrogens (Endotoxins)*** [EU/ml]	–	< 0.001
RNase*** [pg/ml]	–	< 1
DNase*** [pg/ml]	–	< 5
Proteases*** [μ g/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 μ m or bio filter capsule	*** With ultrafilter/bio filter capsule

Feedwater requirements		
Tap water according to DIN 2000		
Feedwater pressure [bar]	0.5 up to 6	0.5 up to 6
Feedwater temperature [°C]	+2 up to 35	+2 up to 35
Conductivity at 25 °C [μ S/cm]	< 2000	< 2000
Colloid index SDI	< 10	< 10
Dissolved CO ₂ [ppm]	< 30	< 30
Free chlorine [ppm]	< 3	< 3
TOC [ppm]	< 1	< 1
Hardness [as CaCO ₃]*	< 300	< 300
Silica [ppm]	< 30	< 30
pH range	4 up to 10	4 up to 10
* For higher values, pre-treatment must be carried out upstream		

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]	+2 up to 35	+2 up to 35
Printer port	RS232	RS232
Data port	USB-A	USB-A
Dimensions* [W x H x D mm]	253 x 530 x 520	253 x 530 x 520
Weight dry [kg]*	19	19
Dimensions production unit under table [W x H x D mm]	253 x 420 x 435	253 x 420 x 435
Weight production unit dry [kg]	18	18
Dimensions OptiFill ^{touch} wall dispenser [W x H x D mm]	100 x 520 x 460	100 x 520 x 460
Weight wall dispenser [kg]	2.4	2.4
Dimensions OptiFill ^{touch} bench dispenser [W x H x D mm]	150 x 580 x 450	150 x 580 x 450
Weight bench dispenser [kg]	8	8
* With OptiFill ^{touch} dispenser		

Article no.	System type* Standard	Article no.	System type Production unit + wall dispenser**/**	Article no.	System type Production unit + bench dispenser**/**	Typical applications
18110084	OmniaTap xs 8 UV-TOC	18111084	OmniaTap-W xs 8 UV-TOC	18112084	OmniaTap-T xs 8 UV-TOC	Ultra-trace analysis, ICP-MS, HPLC, TOC-analysis
18110085	OmniaTap xs 8 UV-TOC/UF	18111085	OmniaTap-W xs 8 UV-TOC/UF	18112085	OmniaTap-T xs 8 UV-TOC/UF	Life science and microbiology, cell culture media

Flow chart OmniaTap xs UV-TOC/UF



* RO cartridge, ultrapure water cartridge, sterile filter capsule 0.2 μ m, sterile overflow and sterile vent filter included

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

Accessories

19200305	Wall mount Omnia xs
19200090	Disinfection cartridge Omnia xs
19200057	Disinfectant Omnia – 3 pcs./pack
19200091	Disinfection kit Omnia xs complete
19200021	Pre-treatment unit OmniaTap – 10"
19102100	Bio filter capsule