

OmniaTap II

The allrounder.

For H₂O pure type ASTM II.

The OmniaTap II is the ideal system when pure water is required in small amounts. The system combines compact dimensions with great flexibility and is suitable for direct connection to the drinking water pipe. The OptiFill^{touch} dispenser integrated as standard is an all-rounder. The ergonomic shape allows all quality parameters to be operated and monitored with one hand. With the flexible dispenser & monitoring unit, laboratory vessels can be filled conveniently and precisely. Decide for yourself how much valuable space you want in the laboratory, whether mounted on the wall to save space or on the laboratory bench. With the flexible dispenser, ultrapure water can be dispensed at the touch of a button. The adaptable pure water tanks with a volume of 10, 30 or 60 liters enable the continuous withdrawal of type II laboratory water for other applications.

Features

- Safe pure water quality ASTM II
- TapWater-Set – direct tap water connection
- OptiFill^{touch} Dispenser is standard
- Simple and economical filter change
- Leakage sensor is standard



One hand operation



Easy water dispensing



Fits neatly on the wall



10-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 II 6 / 6 UV	OmniaTap II 12 / 12 UV	OmniaTap II 20 / 20 UV
Pure water values type II			
Pure water performance at 15 °C [l/h]	6	12	20
Conductivity* [µS/cm]	0.1 up to 1	0.1 up to 1	0.1 up to 1
Resistance* [MΩ x cm]	10 up to 1	10 up to 1	10 up to 1
TOC value* [ppb]	< 30	< 30	< 30
Silicate removal* [%]	> 99	> 99	> 99
Dispensing performance [l/min.]	up to 2	up to 2	up to 2
Individually adjustable dispensing volume [liters]	0.05 up to 25	0.05 up to 25	0.05 up to 25
Particles** > 0.2 µm [1/ml]	< 1	< 1	< 1
Bacteria** [CFU/ml]	< 0.01	< 0.01	< 0.01
Pressure outlet pure water tank	100 l/h - 2 bar	100 l/h - 2 bar	100 l/h - 2 bar
UV disinfection 254 nm	- / yes	- / yes	- / yes
* 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	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
Silica [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.
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	R 3/4"	R 3/4"	R 3/4"
Electrical connection [Volt/Hz]	90 – 240/50 – 60	90 – 240/50 – 60	90 – 240/50 – 60
Connected load [kW]	0.1	0.1	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 Tower without tank* [W x H x D mm]	390 x 720 x 525	390 x 720 x 525	390 x 720 x 525
Dimensions Tower with 10-liter tank* [W x H x D mm]	390 x 720 x 615	390 x 720 x 615	390 x 720 x 615
Weight without 10-liter tank [kg]	17	18	18
Weight with 10-liter tank [kg]	20	21	22

* With OptiFill^{touch} Dispenser

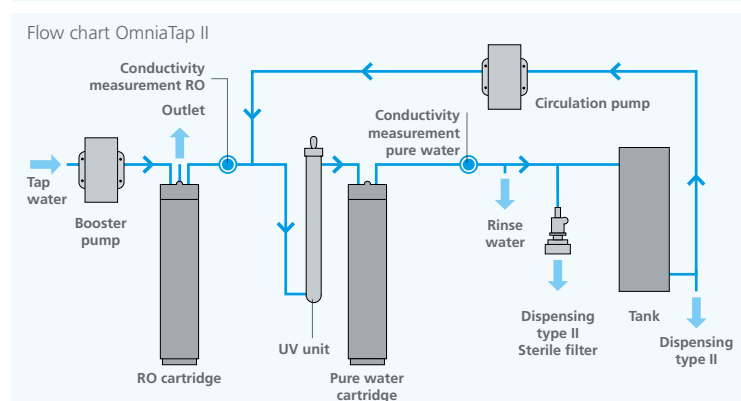
Article no.	System type*	Typical applications
18200214	OmniaTap II 6	Buffer and media preparation
18200217	OmniaTap II 12	Buffer and media preparation
18200220	OmniaTap II 20	Buffer and media preparation
18200215	OmniaTap II 6 UV	Buffer and media preparation
18200218	OmniaTap II 12 UV	Buffer and media preparation
18200221	OmniaTap II 20 UV	Buffer and media preparation

* An external tank is required to operate the OmniaTap II. Already contains RO cartridge, ultrapure water cartridge, sterile filter capsule 0.2 µm, sterile overflow and aeration filter

** The Omnia production unit can either be installed on a bench or on a wall.

Pure water tank with integrated booster pump

Article no.**	Volume (l)	Pump capacity (l/h-bar)	Weight dry (kg)
16500032	30	100-2	10
16500062	60	100-2	11



Accessoires

19200020	Pre-treatment unit 5 µm + hardness stabilization
19200022	Pre-treatment unit 5 µm + activated carbon
19200300	Wall mount Omnia
19200056	Disinfection cartridge Omnia
19200057	Disinfectant Omnia – 1 Stk./Pkg.
19200091	Disinfection kit Omnia (cartridge + 1 pcs. disinfectant)
19200062	Data printer

Pure water tanks for OmniaTap devices

Article no.**	Volume	Material	Dimensions* (W x H x D mm)	Weight dry (kg)
16500010	10 l	PE	Docking tank	2.7
16500031	30 l	PE	338 x 568 x 402	6.5
16500061	60 l	PE	338 x 778 x 402	8

Accessoires

19200050	UV tank disinfection unit Omnia 254 – 16 watts
28000084	Tank removal set for OmniaTap 10-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 + CO₂ absorber