

# OmniaTap

## The Allrounder.

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

OmniaTap 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 10 litre tank keeps it permanently at type II quality. The pure water tank has a second outlet for feeding downstream end users.

#### Features

- OptiFill dispenser is standard
- Pretreatment set for direct connection to tap water
- 10-litres pure water tank
- Tank volume display in percent
- Simple and economical filter replacement
- Leakage sensor is standard
- Ready-to-use, including filter cartridges



One hand operation



Easy water dispensing



Flexible on a work surface

Specifications	OmniaTap	OmniaTap UV	OmniaTap UV/UF
<b>Type II</b>			
Pure water performance l/h at 15 °C	12 or 20	12 or 20	12 or 20
Conductivity [ $\mu\text{S}/\text{cm}$ ]	0.067–0.1	0.067–0.1	0.067–0.1
Resistance [ $\text{M}\Omega \times \text{cm}$ ]	15–10	15–10	15–10
Pure water tank pressurized outlet	optional	optional	optional

<b>Type I</b>			
Conductivity [ $\mu\text{S}/\text{cm}$ ]	0.055	0.055	0.055
Resistance [ $\text{M}\Omega \times \text{cm}$ ]	18.2	18.2	18.2
TOC-value* [ppb]	< 10	< 5	< 5
Dispensing performance [l/min.]	up to 2	up to 2	up to 1.6
Endotoxins* [EU/ml]	-	-	< 0.001
Particles** [1/ml]	< 1	< 1	< 1
Bacteria** [CFU/ml]	< 0.1	< 0.1	< 0.1

#### Feedwater requirements

Tap water according to DIN 2000

Feedwater temperature [°C]	+2 up to 35	+2 up to 35	+2 up to 35
Manganese and iron content [mg/l]	< 0.05	< 0.05	< 0.05
Free chlorine content [mg/l]	< 0.1	< 0.1	< 0.1
Silt density index (SDI)	max. 3	max. 3	max. 3

#### Technical data

Operating pressure [bar]	2–6	2–6	2–6
Supply voltage [Volt/Hz]	90–240/50–60	90–240/50–60	90–240/50–60
Connected load [kW]	0.1	0.1	0.1
Connector size	3/4"	3/4"	3/4"
Ambient temperature [°C]	+2 up to +35	+2 up to +35	+2 up to +35
Dimensions*** [W x H x D mm]	390 x 720 x 615	390 x 720 x 615	390 x 720 x 615
Weight [kg]	20	21	21

\* in dependence on the feedwater quality

\*\* with sterilizing filter 0.2  $\mu\text{m}$

\*\*\* with OptiFill Dispenser

Article no.	System type*	Typical applications	Accessories
18200101	OmniaTap 12	AAS, IC, ICP, buffers and media preparation	19200300 Wall mount Omnia
18200201	OmniaTap 20	AAS, IC, ICP, buffers and media preparation	19200056 Disinfection kit Omnia
18200102	OmniaTap 12 UV	Ultra-trace analysis, ICP-MS, HPLC, TOC	19200057 Disinfectant Omnia
18200202	OmniaTap 20 UV	Ultra-trace analysis, ICP-MS, HPLC, TOC	19200021 Pre-treatment unit OmniaTap –10"
18200103	OmniaTap 12 UV/UF	Life science and microbiology, cell culture media	
18200203	OmniaTap 20 UV/UF	Life science and microbiology, cell culture media	

\* RO cartridge, ultrapure water cartridge, sterile filter capsule 0.2  $\mu\text{m}$ , sterile overflow and sterile vent filter included

