

OmniaLab^{RO}

The big one.

For H₂O pure type III.

OmniaLab^{RO} fulfils your requirement when you have a need of a constant large volume of reverse osmosis water. For this, OmniaLab^{RO} holds 100 litres in reserve in a storage tank. It is an optimal supplier to autoclaves, lab rinsing machines, air humidifiers and ultrapure water systems.

Features

- OptiFill Dispenser is standard
- With 100 l pure water tank
- Tank volume display in percent
- Tank volume can be modularly increased
- Leakage sensor is standard



One hand operation



Easy water dispensing



Flexible on a work surface



Tank fits space-savingly under the bench top



Specifications	OmniaLab [®] 20	OmniaLab [®] 40	OmniaLab [®] 60	OmniaLab [®] 80
Type III				
Pure water performance l/h at 15 °C	20	40	60	80
RO membrane retention rate in % (ions, germs and bacteria)	> 98	> 98	> 98	> 98
Feedwater requirements				
Softened or hardness-stabilized water according to DIN 2000				
Feedwater temperature °C	+2 up to 35	+2 up to 35	+2 up to 35	+2 up to 35
Manganese and iron content mg/l	< 0.05	< 0.05	< 0.05	< 0.05
Free chlorine content mg/l	< 0.1	< 0.1	< 0.1	< 0.1
Silt density index (SDI)	max. 3	max. 3	max. 3	max. 3
Technical data				
Operating pressure bar	2–6	2–6	2–6	2–6
Supply voltage Volt/Hz	90-240/50-60	90-240/50-60	90-240/50-60	90-240/50-60
Connected load kW	0.1	0.1	0.1	0.1
Connector size	3/4"	3/4"	3/4"	3/4"
Ambient temperature °C	+2 up to +35	+2 up to +35	+2 up to +35	+2 up to +35
Dimensions Tower* W x H x D mm	511 x 1520 x 575	511 x 1520 x 575	511 x 1520 x 575	511 x 1520 x 575
Dimensions Base cabinet tank mm	511 x 800 x 575	511 x 800 x 575	511 x 800 x 575	511 x 800 x 575
Weight kg	38	38	40	40

* with OptiFill Dispenser

Article no.	System type	Typical applications
18500020	OmniaLab [®] 20	Feedwater for autoclaves and laboratory washers, ultrapure water systems and air humidifiers
18500040	OmniaLab [®] 40	Feedwater for autoclaves and laboratory washers, ultrapure water systems and air humidifiers
18500060	OmniaLab [®] 60	Feedwater for autoclaves and laboratory washers, ultrapure water systems and air humidifiers
18500080	OmniaLab [®] 80	Feedwater for autoclaves and laboratory washers, ultrapure water systems and air humidifiers

Accessories	
19200020	Pre-treatment unit OmniaLab – 10"
19200050	UV tank disinfection unit 254 nm
16561201	External pressure booster pump SC 3000

