

OmniaLab^{UP}

The constant one. For H₂O pure type II.

OmniaLab^{UP} is the system of choice when you need a constant supply of high-quality water in laboratories. For this, OmniaLab^{UP} holds 100 liters of type II pure water in reserve in a storage tank with quality recirculation. It is an optimal supplier to autoclaves, lab rinsing machines and ultrapure water systems. The water produced conforms to international medical technology water standards such as ASTM, ISO 3696 and CLRW (CLSI).

Features

- OptiFill Dispenser is standard
- 100 l tank with quality recirculation and pressure outlet
- Tank volume display in percent
- Tank volume can be modularly increased
- Simple, cost-effective filter replacement
- Leakage sensor is standard



One hand operation



Easy water dispensing



Flexible on a work surface



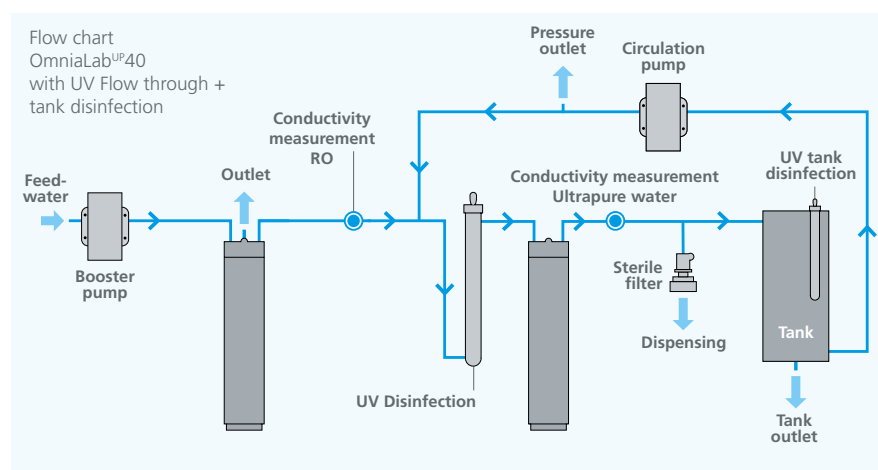
Tank fits space-saving under the bench top

Specifications	OmniaLab ^{UP} 20	OmniaLab ^{UP} 40
Pure water values type II		
Pure water performance l/h at 15 °C	20	40
Conductivity [µS/cm]	0.067 up to 0.1	0.067 up to 0.1
Resistance [MΩ x cm]	15 up to 10	15 up to 10
Dispensing performance [l/min.]	up to 2	up to 2
Particles** > 0.2 µm [1/ml]	< 1	< 1
Bacteria** [CFU/ml]	< 0.01	< 0.01
Pressure outlet pure water tank	100 l/h - 2 bar	100 l/h - 2 bar
** 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
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-value [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	R 3/4"	R 3/4"
Electrical connection [Volt/Hz]	90–240/50–60	90–240/50–60
Connected load [kW]	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]
Dimensions Tower* [W x H x D mm]	511 x 1520 x 575	511 x 1520 x 575
Dimensions Base cabinet tank [W x H x D mm]	511 x 800 x 575	511 x 800 x 575
Weight [kg]	40	40

* With OptiFill Dispenser

Article no.	System type*	Typical applications
18600020	OmniaLab ^{UP} 20	Feedwater for autoclaves, laboratory washers and ultrapure water systems
18600040	OmniaLab ^{UP} 40	Feedwater for autoclaves, laboratory washers and ultrapure water systems

* RO cartridge, stainless steel polishing cartridge, sterile filter capsule 0.2 µm, sterile overflow and sterile vent filter + CO₂ absorber included



Accessoires	
19200020	Pre-treatment unit 5 µm + hardness stabilization
19200022	Pre-treatment unit 5 µm + activated carbon
19200056	Disinfection cartridge Omnia
19200057	Disinfectant Omnia – 1 Stk./Pkg.
19200058	Disinfection kit Omnia (cartridge + 1 pcs. disinfectant)
19200050	UV tank disinfection unit Omnia 254 – 16 watts
19200054	UV Flow-through disinfection 254
19200100	Docking tank volume 100 liters
16561201	External pump station 2 m³/h – 3.5 bar
19200500	Volume dosing Omnia