OmniaLab^{ED} The efficient one. For H_2O pure type II.

OmniaLab^{ED} is the efficient solution when high quality pure water Type II is required for the complete lab supply. It is compliant with international water standards, such as ASTM, ISO 3696, CLRW (CLSI), and the combination with continual self-regenerating electro-deionization brings maximized economy. Further to this, the OmniaLab^{ED} system holds 100 liters of pure water in a storage tank with quality recirculation, ready to supply lab equipment. OmniaLab^{ED} is the efficient one for supplying autoclaves, lab machines and ultra-pure water systems.

Features

- OptiFill dispenser is standard
- Continuous residual salts removal by electro-deionization
- 100 litre storage tank with recirculation and pressure outlet
- Tank volume display in percent
- Tank volume can be modularly increased
- Simple, cost-effective filter replacement
- Leakage sensor is standard







Easy water dispensing

Flexible on a work surface



savingly under the bench-top

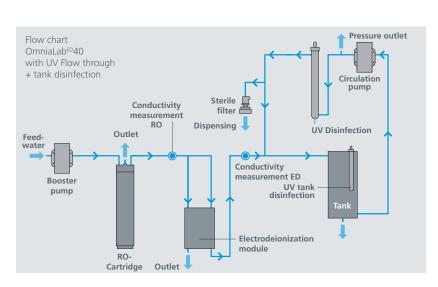


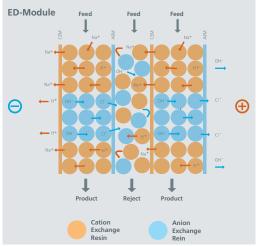
Specifications	OmniaLab ^{ED} 20	OmniaLab ^{ED} 40	OmniaLab ^{ED} 70
Туре II			
Pure water performance l/h at 15 °C	20	40	70
Conductivity* µS/cm	0.1-1	0.1-1	0.1-1
Resistance* M Ω x cm	10-1	10-1	10-1
TOC-value* ppb	< 30	< 30	< 30
Silicate removal* %	> 99	> 99	> 99
Dispensing performance dispenser l/min.	up to 2	up to 2	up to 2
Particles**/ml	< 1	< 1	< 1
Bacteria** CFU/ml	< 0.1	< 0.1	< 0.1
Pure water tank pressurized outlet	optional	optional	optional
Feedwater requirements			
Softened 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	0.25	0.25	0.25
Connector size	3/4 "	3/4 "	3/4 "
Ambient temperature °C	+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
Dimensions Base cabinet tank mm	511 x 800 x 575	511 x 800 x 575	511 x 800 x 575
Weight kg	41	41	43
* in dependence on the feedwater quality	**with sterilizing filter 0.2 up	***with OntiFill Dispenser	

* in dependence on the feedwater quality ** with sterilizing filter 0.2 µm *** with OptiFill Dispenser

Article no.	System type*	Typical applications	Accessories	
18700021 OmniaLab ^{ED} 20 18700041 OmniaLab ^{ED} 40	Feedwater for autoclaves, laboratory washers and ultrapure water systems Feedwater for autoclaves, laboratory washers and ultrapure water systems	16125000	Water softener MixMulti 32	
		19200020	Pre-treatment unit OmniaLab – 10"	
		19200050	UV Tank disinfecting unit 254 nm	
18700071 OmniaLab ^{ED} 70	Feedwater for autoclaves, laboratory washers and ultrapure water systems	19200051	UV Flow through disinfection 254 nm	
		16561201	External pressure booster pump SC 3000	

* RO cartridge, sterile filter capsule 0.2 μ m, sterile overflow and sterile vent filter + CO₂ absorber included





Omnia pure and ultrapure water systems. Convenient. Compact. Adaptable.