OmniaLab^{ED+} The big one. For H_2O pure types I + II.

OmniaLab^{ED+} is the system of choice when both pure water and ultrapure water are needed for the entire laboratory. The system complies with international water standards such as ASTM, ISO 3696 and CLSI. The economy of it is maximized by the inclusion of a continuously self-regenerating electrodeionizer, without having to give any demanding analytical applications a pass. Further to this, the OmniLab^{ED+}system holds 100 liters of pure water Type II ready for withdrawal in a storage tank with quality recirculation. It is so predestined for supplying autoclaves or lab washing machines and the dispensing of Type 1 tultra pure water for analytical and bioscience applications.

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



Flexible on a





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	0.067-1	0.067-1	0.067-1
Resistance MΩ x cm	15-1	15-1	15-1
Silicate removal* %	99.9	99.9	99.9
Pure water tank pressurized outlet	optional	optional	optional
Туре I			
Conductivity µS/cm	0.055	0.055	0.055
Resistance MΩ x cm	18.2	18.2	18.2
TOC-value* ppb (with UV-unit)	1–5	1–5	1-5
Dispensing performance dispenser I/min.	up to 2	up to 2	up to 2
Particles**/ml	< 1	< 1	< 1
Bacteria** CFU/ml	< 0.1	< 0.1	< 0.1
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	43	43	45

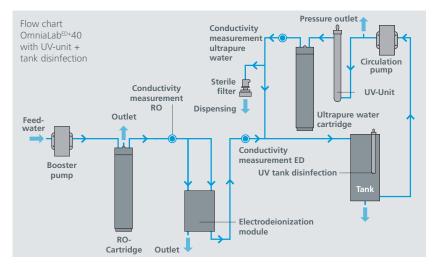
Article no.	System type*	Typical applications
18700020	OmniaLab ^{ED+} 20	Feedwater for autoclaves and laboratory washers
18700040	OmniaLab ^{ED+} 40	Feedwater for autoclaves and laboratory washers
18700070	OmniaLab ^{ED+} 70	Feedwater for autoclaves and laboratory washers

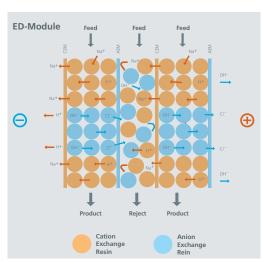
** with sterilizing filter 0.2 μm

* in dependence on the feedwater quality

Accessories	
16125000	Water softener MixMulti 32
19200021	Pre-treatment unit OmniaLab – 10"
19200050	UV Flow through disinfection – 254 nm
19200052	UV Unit for TOC reduction – 254 nm
16561201	External pressure booster pump SC 3000

*** with OptiFill Dispenser





^{*} RO cartridge, ultrapure water cartridge, sterile filter capsule 0.2 μ m, sterile overflow and sterile vent filter + CO₂ absorber included