

OmniaLab^{DS}

The reliable one.

For H₂O pure type II +
CLRW (CLSI).

When safety is first priority and the quality of the purification decides the quality of results, then the OmniaLab^{DS} system is the perfect solution. Even for large pure water quantities of up to 80 l/h, OmniaLab^{DS} guarantees international water standards compliance. The combination of regenerative polishing cartridge and an optional emergency supply makes this system extremely reliable for supplying clinical analytical systems, as well as for feeding water to steam sterilizers and washer-disinfectors.

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
- Emergency supply (optional)
- Degassing unit (optional)



One hand operation



Easy water dispensing



Flexible on a work surface



Tank fits space-savingly under the bench top



Specifications	OmniaLab ^{DS} 20	OmniaLab ^{DS} 40	OmniaLab ^{DS} 60
Type II + CLRW (CLSI)			
Pure water performance l/h at 15 °C	20	40	60
Conductivity [µS/cm]	0.1–1.0	0.1–1.0	0.1–1.0
Resistance [MΩ x cm]	10–1	10–1	10–1
Dispensing performance dispenser [l/min.]	up to 2	up to 2	up to 2
Particles* [1/ml]	< 1	< 1	< 1
Bacteria* [CFU/ml]	< 0.1	< 0.1	< 0.1
Pure water tank pressurized outlet	optional	optional	optional

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
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 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] (without polishing cartridge)	39	39	40

* with sterilizing filter 0.2 µm ** with OptiFill Dispenser

Article no.	System type*	Typical applications
18800020	OmniaLab ^{DS} 20	Feedwater for analyzers, autoclaves and laboratory washers
18800040	OmniaLab ^{DS} 40	Feedwater for analyzers, autoclaves and laboratory washers
18800060	OmniaLab ^{DS} 60	Feedwater for analyzers, autoclaves and laboratory washers

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

Accessories	
19200020	Pre-treatment unit OmniaLab – 10"
19200050	UV tank disinfection unit 254 nm
19200051	UV Flow through disinfection 254 nm
12280050	Replacement/second polishing cartridge type DS 2800 RV
19200040	Emergency supply
19200041	Degassing unit
16561201	External pressure booster pump SC 3000

