

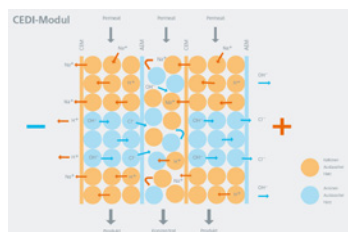
Ultrapure Water System OmniaLab^{ED+}, stakpure



stakpure

The big one. For H₂O pure types I + II.

OmniaLab^{ED+} is the system of choice when the complete laboratory pure water and ultrapure water requirements are to be fulfilled. 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, each OmniaLab^{ED+}-system holds 100 litres of pure water type II ready for withdrawal in a storage tank that is equipped with quality recirculation. The flexible positioning of the purification modules enables OmniaLab^{ED+} to be supplied as a tower-unit (mobile on castors) or, to save space, for fitting in a base cabinet. OmniaLab^{ED+} is exactly right as pure water supplier to autoclaves and laboratory washing machines as well as for the withdrawal of type I ultra-pure water for analytics and bioscience applications.



Electrodeionization



Single-handed operation



Space saver: tank in base cabinet



Specifications

Type II

	OmniaLab ^{ED+20}	OmniaLab ^{ED+40}	OmniaLab ^{ED+70}
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×cm:	15 – 1	15 – 1	15 – 1
Silicate removal ¹⁾ %:	99.9	99.9	99.9
Dispensing performance l/min:	up to 2	up to 2	up to 2
Pure water tank pressurized outlet:	optional	optional	optional
Particles /ml (with sterilizing filter 0.2 µm):	< 1	< 1	< 1
Bacteria CFU/ml (with sterilizing filter 0.2 µm):	< 0.1	< 0.1	< 0.1

Type I

Conductivity µS/cm:	0.055	0.055	0.055
Resistance MΩ×cm:	18.2	18.2	18.2
TOC-value ¹⁾ ppb (with UV-unit):	1 – 5	1 – 5	1 – 5

Technical data

Operating pressure bar:	2 – 6	2 – 6	2 – 6
Supply voltage V/Hz:	90–240/50–60	90–240/50–60	90–240/50–60
Connected load kW:	0.25	0.25	0.25
Connector size mm:	¾"	¾"	¾"
Ambient temperature °C:	+2 to +35	+2 to +35	+2 to +35
Dimensions tower W×H×D mm:	511×1520 ²⁾ ×575	511×1520 ²⁾ ×575	511×1520 ²⁾ ×575
Dimensions base cabinet tank mm:	511×800×575	511×800×575	511×800×575
Weight kg:	60	65	65

¹⁾ in dependence on the feed-water quality

²⁾ with OptiFill Dispenser

Ultrapure water systems OmniaLab^{ED+}

Typical applications: Feedwater for autoclaves and laboratory washers, as well as for analytics and bioscience applications.

Article	Order No.
Ultrapure water system OmniaLab ^{ED+20}	10 45 41872
Ultrapure water system OmniaLab ^{ED+40}	10 45 41874
Ultrapure water system OmniaLab ^{ED+70}	10 45 41877

RO cartridge, ultrapure water cartridge, sterile filter capsule 0.2 µm, sterile overflow and sterile vent filter + CO₂ absorber included.

Accessories/Consumable material

Article	Order No.
Pre-treatment unit OmniaLab 10"	10 45 49220
Spare pre-filter cartridge 10" – 1 µm	10 45 40100
RO cartridge, set of 2 – Omnia 20	10 45 40011
RO cartridge – Omnia 40	10 45 40012
RO cartridge, set of 2 – Omnia 70	10 45 40080
Ultrapure water cartridge Omnia 055	10 45 49203
Sterile filter capsule 0.2 µm	10 45 49130
UV Tank disinfecting unit	10 45 49250
UV Flow through disinfection 254	10 45 49251
UV Unit for TOC reduction 185	10 45 49252
Replacement UV-lamp for TOC reduction – Omnia 185	10 45 40185
CO ₂ -Adsorber + sterile vent filter	10 45 40200
Sterile vent filter	10 45 40300

