

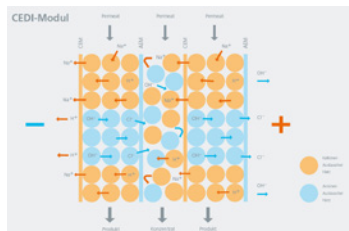
## Ultrapure Water System OmniaLab<sup>ED</sup>, stakpure



stakpure

### The big one. For H<sub>2</sub>O pure types ASTM I + II.

OmniaLab<sup>ED</sup> 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<sup>ED</sup>-system holds 100 litres of pure water type ASTM II ready for withdrawal in a storage tank that is equipped with quality recirculation. The flexible positioning of the purification modules enables OmniaLab<sup>ED</sup> to be supplied as a tower-unit (mobile on castors) or, to save space, for fitting in a base cabinet. OmniaLab<sup>ED</sup> is exactly right as pure water supplier to autoclaves and laboratory washing machines.



Electrodeionization



Single-handed operation



Space saver:  
tank in base cabinet



#### Specifications

##### ASTM II

Pure water performance l/h at 15°C  
Conductivity µS/cm  
Resistance MΩ×cm  
Silicate removal\* %  
Dispensing performance l/min.  
Pure water tank pressurized outlet  
Particles /ml (with end filter)  
Bacteria CFU/ml (with end filter)

##### OmniaTap

20  
0.1 – 1  
10 – 1  
99.9  
up to 2  
yes  
< 1  
< 0.1

##### OmniaTap UV

40  
0.1 – 1  
10 – 1  
99.9  
up to 2  
yes  
< 1  
< 0.1

##### OmniaTap UV/UF

70  
0.1 – 1  
10 – 1  
99.9  
up to 2  
yes  
< 1  
< 0.1

##### ASTM I

Conductivity µS/cm  
(with ultrapure water cartridge)  
Resistance MΩ×cm  
(with ultrapure water cartridge)  
TOC-value\* ppb (with UV-unit)

0.055  
18.2  
5 – 10

0.055  
18.2  
5 – 10

0.055  
18.2  
5 – 10

#### Technical data

Operating pressure bar  
Supply voltage Volt/Hz  
Connected load kW  
Connector size mm  
Ambient temperature °C  
Dimensions tower W × H × D mm  
Dimensions base cabinet tank mm  
Weight kg

2 – 6  
90–240/50–60  
0.25  
Hose d8  
+2 to +35  
511 × 1520\*\* × 575  
511 × 800 × 575  
60

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0.25  
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\* in dependence on the feed-water quality

\*\* with OptiFill Dispenser

#### Ultrapure water systems OmniaLab<sup>ED</sup>

| Type                      | Application                           | Order No.   |
|---------------------------|---------------------------------------|-------------|
| OmniaLab <sup>ED</sup> 20 | complete laboratory pure water supply | 10 45 41872 |
| OmniaLab <sup>ED</sup> 40 | complete laboratory pure water supply | 10 45 41874 |
| OmniaLab <sup>ED</sup> 70 | complete laboratory pure water supply | 10 45 41877 |

#### Accessories/Consumable material

| Article                                | Order No.   |
|----------------------------------------|-------------|
| Pre-treatment unit OmniaLab 10"        | 10 45 49220 |
| Ultrapure water cartridge Omnia 055    | 10 45 49203 |
| Pure water cartridge Omnia 067         | 10 45 49204 |
| 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 |
| External pressure booster pump MQ 2000 | 10 45 46520 |
| External pressure booster pump MQ 3000 | 10 45 46560 |

