

Water Supply Unit (WSU2)

Excellence in Water Quality



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DATA SHEET WSU2

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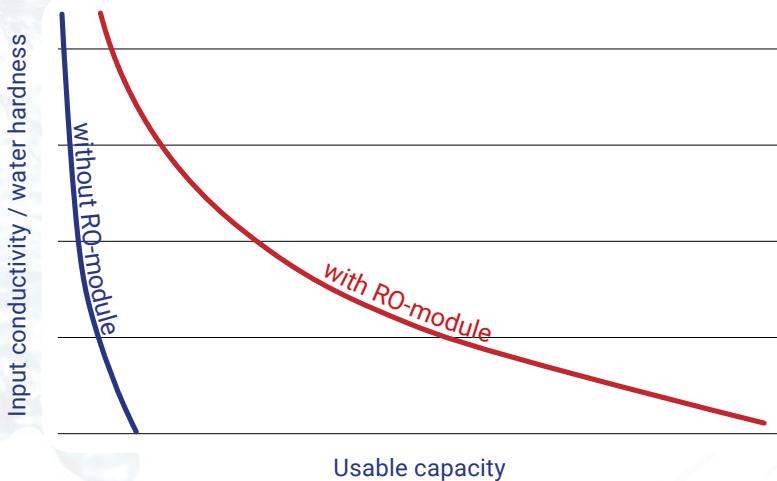
WATER SUPPLY UNIT WSU2 PLUS

- Economical and resource-saving production of ultrapure water for laboratory use and in-vitro diagnostics
- Simple consumables replacement by the user
- Simple and safe sampling point

Operating principle

Multi-stage ion exchanger with UV disinfection

Reverse osmosis module and sterile filter units



Up to 10 times longer resin service life compared to conventional water treatment systems without a reverse osmosis module.

Ultrapure water quality

| | |
|----------------------------------|------------------------|
| Output Conductivity | <0,1 µS/cm (>10 MΩ/cm) |
| TOC-value (Total Organic Carbon) | <500 ppb (<0,5 mg/l) |
| Microbiological retention | <10 CFU/ml |

Highlights



- Web-based interface for real-time data monitoring
- Mobile frame, trolley
- Leakage monitoring
- Up to 70 l / h withdrawal volume
- Meets the Specification of all COBAS instruments by Roche Diagnostics
- Temperature-compensated conductivity measurement
- Dynamic maintenance intervals depending on consumption and water input quality
(The device reports when something needs to be changed)
- Independent emergency supply function with conductivity monitoring
(up to 10 liters of ultrapure water can be extracted, after failure of water or power supply)

Technical Data

| | |
|-------------------|----------------------|
| Power Supply | 230 V / 50 Hz |
| Power Consumption | max. 100 VA |
| Operating Noise | <60dBA (1m distance) |

Measurements Height 1330 mm

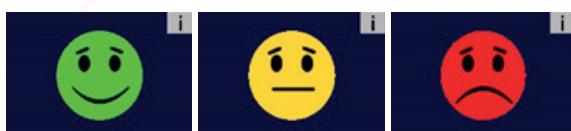
Width 520 mm

Depth 810 mm

Weight 55 kg

Operation

Intuitive operation via touch-display.



Display of the operating status with smiley-symbols



Display of important parameters and operating states



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A large, dynamic splash of water in shades of blue and white occupies the central portion of the page. The water is captured in mid-motion, creating a sense of energy and purity. A small, light blue triangular arrow points towards the website address "www.fileder.de" which is overlaid on the water splash.

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