Omnia *xs*^{touch} Blueline
Pure and ultrapure water systems.
Space-saving. Flexible.
Intuitive. Resource-saving.

For demanding applications in the smallest of spaces.

In life sciences and labs.

stakpure

H_2O – WATER IN ITS PUREST FORM

H_2O pure. Pure and ultrapure water from the super slim Omnia *xs* compact system with intuitive *touch* dispenser.

Work space in laboratories must be used efficiently. The Omnia *xs* system frees up space on the lab bench and makes work more efficient.

Despite the extremely compact design in xs format, the system is exemplary in its resource-saving and completely autonomous operation. Accessories such as a leakage sensor, pressure reducer, and pre-treatment cartridges are already integrated in the compact housing. This saves space in the laboratory and also ensures exceptional operational and work safety.

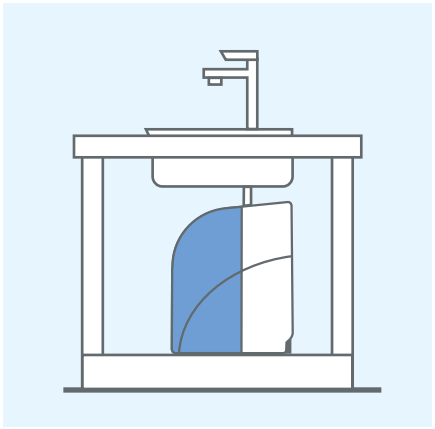
Reliable. Reproducible. The quality of the ultrapure water is what counts. Consistently high water quality is crucial for the reproducibility of the analysis results. The permanent data storage of all quality parameters and the possibility of outputting USB interface make the analysis results traceable at any time.

Constant, highest quality standard. Our claim is to deliver consistently the highest water quality. Even in ultrapure water systems stagnant water can lead to the formation of biofilm. That is why our Omnia series has a recirculation function that prevents the growth of biofilm, so that we even exceed the highest quality standards according to ASTM.

USB interface for data output.

Autonomous specialist with integrated pre-treatment and ultrapure water cartridge. Simple cartridge change in seconds.

Surface-efficient – so narrow that it almost fits on an A4 sheet ...



... or under a laboratory sink.

The Omnia Optifill *touch* dispenser
Intuitive. Convenient. Flexible.

Scroll and swipe to the next function. There is no simpler and more intuitive way to operate a touch display. Even with laboratory gloves. This makes routine work steps fun but also faster and safer. Adjustable limit values for conductivity and TOC, as well as data output via USB increase process reliability.

Pivotable up to 170 degrees and 80 cm diameter

Color touch display* with intuitive menu navigation (* 3 background colors adjustable)

- Real time display of all operating and performance parameters
- Real time TOC monitoring
- Switchable temperature compensation
- Setting possibilities for conductivity in MΩ x cm or µS/cm
- Limit value setting for all measuring parameters
- High precision measure-ment and display
- Withdrawal volume individually adjustable
- Innovative monitoring and display of cartridge capacity
- Secure password access and error memory
- Language selection DE, EN, FR

Well connected

- USB interface for data transmission / output
- RS232 interface

Removable & ergonomic shaped (can be operated with laboratory gloves)

Press button withdrawal

OneHandOperation -Dispenser

Leakage sensor and pressure reducer (Pure series) as standard equipment

Automatic voltage adjustment

The Omnia *xs touch* series is extremely convenient to use. All devices are fitted with the OptiFill *touch* OneHandOperation-Dispenser with intuitive control- and monitoring unit.

One-handed operation, removable, rotatable and swiveling with flexible connection for easy water dispensing into any type of container.

The ergonomic shaped dispenser is intuitive operable.

Three background colors – black, gray or blue – the choice is yours!

Residual cartridge volume display

Ready for USB transfer

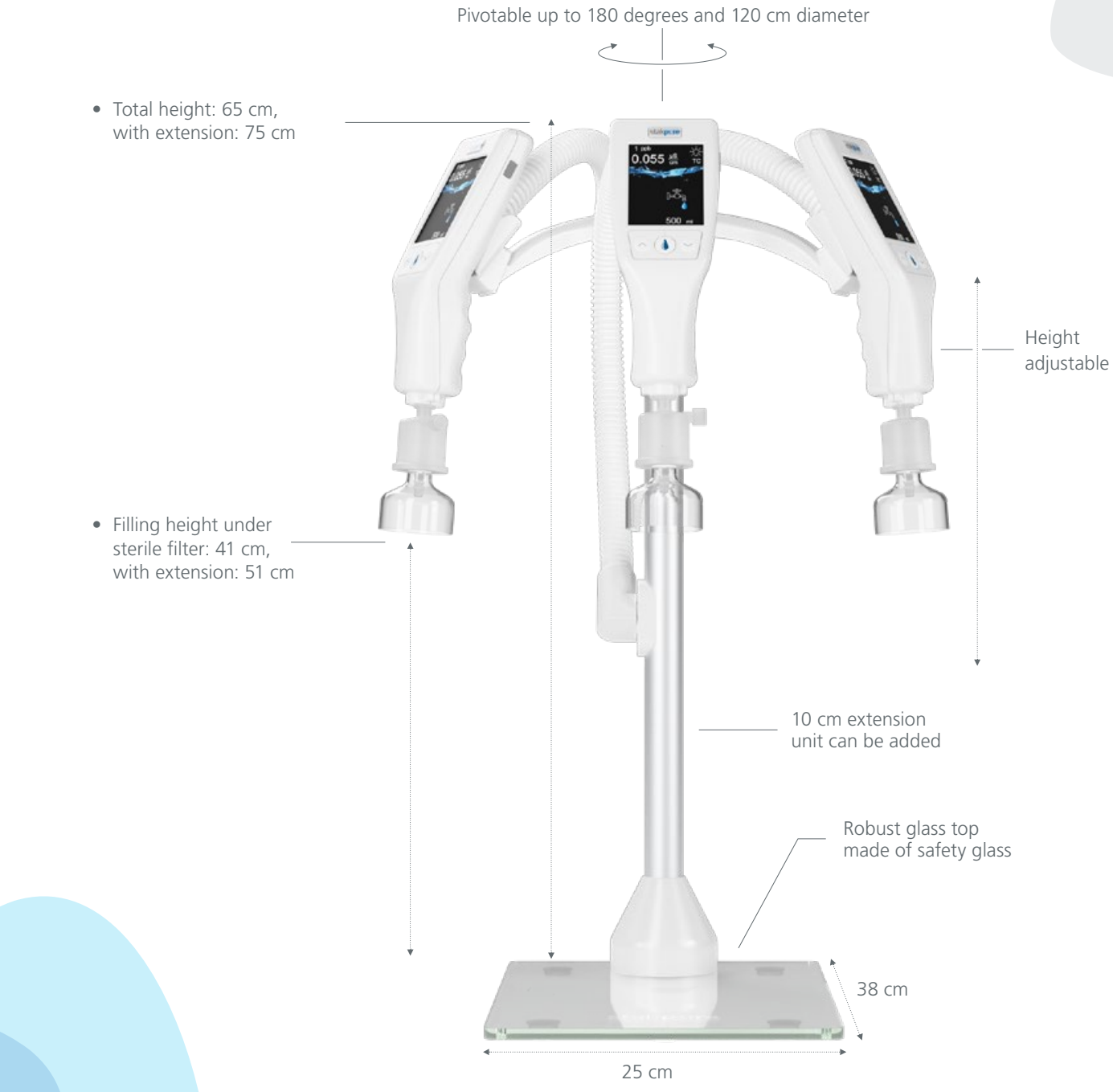
The Omnia Optifill *touch* Table/Wall. Practical. Flexible. Space-saving.

Make optimum use of the valuable space in your laboratory and position the production unit under the bench. With the external dispenser and monitoring unit OptiFill *touch* Table / Wall, you can adapt the positioning to your laboratory environment. Whether practically standing on the laboratory bench or space-saving on the laboratory wall.

Table

Wall

Separate from the production unit.
The external dispensers can be placed on the wall to save space or flexible on the laboratory bench.


Pivotable up to 180 degrees and 120 cm diameter
• Total height: 65 cm, with extension: 75 cm
Height adjustable
• Filling height under sterile filter: 41 cm, with extension: 51 cm
10 cm extension unit can be added
Robust glass top made of safety glass
38 cm
25 cm

OmniaPure *xs*^{touch} Blueline

The specialist.
For H_2O pure type I.

When your need is for highest quality pure water that fulfils the demands of analytical and life science laboratory requirements, then one of these OmniaPure systems will be the right choice for you. The incorporated pre-treatment constantly ensures the reliability of your experimental results and reduces running costs.

Features

- OptiFill^{touch} dispenser is standard
- Simple and economical filter change
- Leakage sensor is standard
- Integrated pressure reducer is standard
- Resource-saving filter volume
- Very space saving
- Ready-to-use, including filter cartridges

Dispenser on the bench, production unit under the table

Dispenser on the wall, production unit under the table

One hand operation

Easy water dispensing

Fits neatly on the wall

Space saving under table

Specifications	OmniaPure *xs*touch UV-TOC	OmniaPure *xs*touch UV-TOC/UF
Ultrapure water values type I		
Conductivity at 25 °C [µS/cm]	0.055	0.055
Resistance at 25 °C [MΩ x cm]	18.2	18.2
TOC-value* [ppb]	< 2	< 5
TOC monitor	yes	yes
Dispensing performance [l/min.]	up to 2	up to 2
Individually adjustable dispensing volume [liters]	0.05 up to 25	0.05 up to 25
Particles** > 0.2 µm [1/ml]	< 1	< 1
Bacteria** [CFU/ml]	< 0.01	< 0.01
Pyrogens (Endotoxins)*** [EU/ml]	–	< 0.001
RNase*** [pg/ml]	–	< 1
DNase*** [pg/ml]	–	< 5
Proteases*** [µg/ml]	–	< 0.15

* The values given are typical and may vary depending on the quality of the feed water ** With sterile filter capsule 0.2 µm or bio filter capsule *** With ultrafilter/bio filter capsule

Feedwater requirements		
Water prepared by ion exchange, reverse osmosis, electrodionisation or distillation		
Feedwater pressure [bar]	1 up to 6	1 up to 6
Conductivity at 25 °C [µS/cm]	< 100	< 100
TOC-value [ppb]	< 50	< 50

Technical data		
Feedwater connection	R3/4"	R3/4"
Electrical connection [Volt/Hz]	90–240/50–60	90–240/50–60
Connected load [W]	120	120
Ambient temperature [°C]	4 up to 40 (Recommendation: 10 up to 25)	4 up to 40 (Recommendation: 10 up to 25)
Printer port	RS232	RS232
Data port	USB-A	USB-A
Dimensions* [W x H x D mm]	240 x 530 x 435	240 x 530 x 435
Weight dry [kg]*	14	14
Dimensions production unit under table [W x H x D mm]	240 x 415 x 310	240 x 415 x 310
Weight production unit dry [kg]	13	13
Dimensions OptiFill touch wall dispenser [W x H x D mm]	90 x 482 x 337	90 x 482 x 337
Weight wall dispenser [kg]	1	1
Dimensions OptiFill touch bench dispenser [W x H x D mm]	250 x 650 (750**) x 380	250 x 650 (750**) x 380
Weight bench dispenser [kg]	3	3

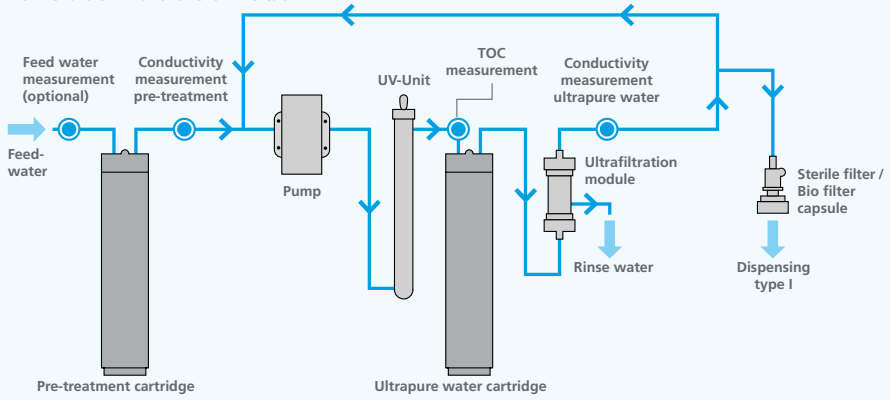
* With OptiFill touch dispenser

Article no.	System type* Standard	Article no.	System type Production unit + wall dispenser*/**	Article no.	System type Production unit + bench dispenser*/**	Typical applications
18100004	OmniaPure *xs* UV-TOC	18100014	OmniaPure-W *xs* UV-TOC	18100024	OmniaPure-T *xs* UV-TOC	Ultra-trace analysis, ICP-MS, HPLC, TOC-analysis
18100005	OmniaPure *xs* UV-TOC/UF	18100015	OmniaPure-W *xs* UV-TOC/UF	18100025	OmniaPure-T *xs* UV-TOC/UF	Life science and microbiology, cell culture media

* Pre-treatment cartridge-, ultrapure water cartridge and steril filter capsule 0,2 µm included

** The Omnia *xs* production unit can either be installed on a bench, on a wall or under the bench.

Flow chart OmniaPure *xs* UV-TOC/UF



Accessories	
19200305	Wall mount Omnia *xs*
19200090	Disinfection cartridge Omnia *xs*
19200057	Disinfectant Omnia – 1 pcs./pack
19200091	Disinfection kit Omnia *xs* (Cartridge + 1 pcs. disinfectant)
19102100	Bio filter capsule
19200092	Extension table dispenser 10 cm
19200203	Feed water measuring cell Omnia *xs* touch
19200062	Data printer

OmniaTap *xs touch* Blueline
The Allrounder.
For H_2O pure types I + II.

OmniaTap *xs touch* is the ideal system when both pure water and ultrapure water are required, but in relatively small amounts. The ability to provide both types from a single system results from the combination of ultramodern purification technologies. These also make it possible to connect the system directly to tap water. A press on the dispenser button activates dispensing of ultrapure water type I via the digital dispenser control. The adaptable pure water tanks with a volume of 7, 30 or 60 liters enable the continuous withdrawal of type II laboratory water for other applications.

Features

- OptiFill *touch* dispenser is standard
- Simple and economical filter change
- Leakage sensor is standard
- Integrated pressure reducer is standard
- Precise volume control
- Ready-to-use, including filter cartridges

Dispenser on the bench, production unit under the table

Dispenser on the wall, production unit under the table

One hand operation

Easy water dispensing

Fits neatly on the wall

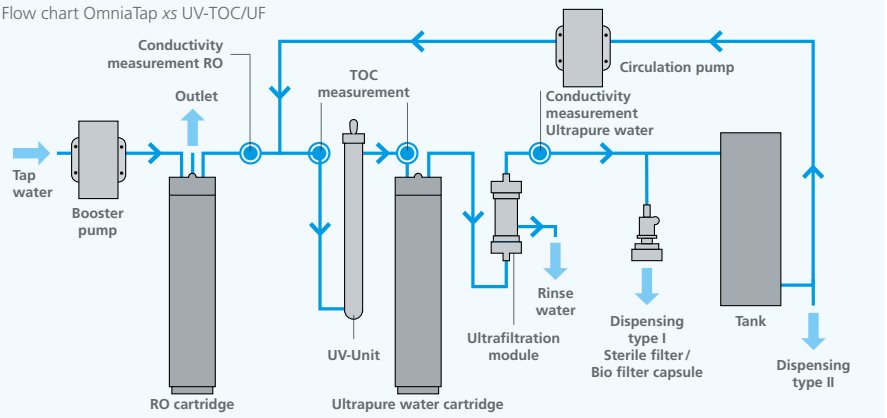
Space saving under table

Specifications	OmniaTap *xs touch* 8 UV-TOC	OmniaTap *xs touch* 8 UV-TOC/UF
Ultrapure water values type II		
Pure water performance at 15 °C [l/h]	8	8
Conductivity at 25 °C [µS/cm]	0.067 up to 0.1	0.067 up to 0.1
Resistance at 25 °C [MΩ x cm]	15 up to 10	15 up to 10
Ultrapure water values type I		
Conductivity at 25 °C [µS/cm]	0.055	0.055
Resistance at 25 °C [MΩ x cm]	18.2	18.2
TOC-value* [ppb]	< 5	< 5
TOC monitor	yes	yes
Dispensing performance [l/min.]	up to 2	up to 2
Individually adjustable dispensing volume [liters]	0.05 up to 25	0.05 up to 25
Particles** > 0.2 µm [1/ml]	< 1	< 1
Bacteria** [CFU/ml]	< 0.01	< 0.01
Pyrogens (Endotoxins)*** [EU/ml]	–	< 0.001
RNase*** [pg/ml]	–	< 1
DNase*** [pg/ml]	–	< 5
Proteases*** [µg/ml]	–	< 0.15
* The values given are typical and may vary depending on the quality of the feed water	** With sterile filter capsule 0.2 µm or bio filter capsule	*** With ultrafilter/bio filter capsule
Feedwater requirements		
Tap water according to DIN 2000		
Feedwater pressure [bar]	1 up to 6	1 up to 6
Conductivity at 25 °C [µS/cm]	< 2000*	< 2000*
Colloid index SDI	< 5**	< 5**
Dissolved CO_2 [ppm]	< 30	< 30
Free chlorine [ppm]	< 0.1	< 0.1
TOC [ppm]	< 2	< 2
Hardness [as $CaCO_3$] [ppm]	< 300	< 300
Iron/manganese [mg/l]	< 0.05	< 0.05
Silica [ppm]	< 30	< 30
pH range	4 up to 10	4 up to 10
* Feed water with high conductivity can reduce the service life of the cartridges and increase the conductivity of type III water. If the conductivity is between 800 and 2000 µS/cm, we recommend using a water softener		** With an SDI/FI between 3 and 5, pre-treatment must be used
Technical data		
Feedwater connection	R3/4"	R3/4"
Electrical connection [Volt/Hz]	90–240/50–60	90–240/50–60
Connected load [W]	120	120
Ambient temperature [°C]	4 up to 40 (Recommendation: 10 up to 25)	4 up to 40 (Recommendation: 10 up to 25)
Printer port	RS232	RS232
Data port	USB-A	USB-A
Dimensions without tank* [W x H x D mm]	240 x 530 x 435	240 x 530 x 435
Dimensions with 7 l docking tank* [W x H x D mm]	253 x 530 x 520	253 x 530 x 520
Weight dry [kg]*	17	17
Dimensions procuction unit without tank*** [W x H x D mm]	240 x 415 x 310	240 x 415 x 310
Dimensions procuction unit with 7 l docking tank*** [W x H x D mm]	253 x 420 x 435	253 x 420 x 435
Weight production unit dry [kg]	16	16
Dimensions OptiFill *touch* wall dispenser [W x H x D mm]	90 x 482 x 337	90 x 482 x 337
Weight wall dispenser [kg]	1	1
Dimensions OptiFill *touch* bench dispenser [W x H x D mm]	250 x 650 (750**) x 380	250 x 650 (750**) x 380
Weight bench dispenser [kg]	3	3

* With OptiFill *touch* dispenser ** With extension *** Under table variant

Article no.	System type* Standard	Article no.	System type Production unit under table + wall dispenser*/**	Article no.	System type Production unit under table + bench dispenser*/**	Typical applications
18120084	OmniaTap *xs* 8 UV-TOC	18121084	OmniaTap-W *xs* 8 UV-TOC	18122084	OmniaTap-T *xs* 8 UV-TOC	Ultra-trace analysis, ICP-MS, HPLC, TOC-analysis
18120085	OmniaTap *xs* 8 UV-TOC/UF	18121085	OmniaTap-W *xs* 8 UV-TOC/UF	18122085	OmniaTap-T *xs* 8 UV-TOC/UF	Life science and microbiology, cell culture media

Flow chart OmniaTap *xs* UV-TOC/UF



* An external tank is required to operate the OmniaTap *xs touch*, see page 13. Already contains RO cartridge, ultrapure water cartridge, sterile filter capsule 0.2 µm, sterile overflow and aeration filter

** The Omnia *xs* production unit can either be installed on a bench, on a wall or under the bench.

Accessories	
19200020	Pre-treatment unit 5 µm + hardness stabilization
19200022	Pre-treatment unit 5 µm + activated carbon
19200305	Wall mount Omnia *xs*
19200090	Disinfection cartridge Omnia *xs*
19200057	Disinfectant Omnia – 1 pcs./pack
19200091	Disinfection kit Omnia *xs* (Cartridge + 1 pcs. disinfectant)
19102100	Bio filter capsule
19200092	Extension table dispenser 10 cm
19200062	Data printer

OmniaTap *xs touch* Tank options
Flexible. Comfortable. Qualitative.

An external tank is required to operate the OmniaTap *xs touch*. You can choose between three tank variants, depending on the requirements of your laboratory and the space available.

Each tank guarantees consistently high water quality (type II) and can supply laboratory equipment directly via optional booster pumps.

Features

- Conical bottom outlet for complete draining and effective sanitization
- Hygienic tank overflow and tank ventilation filter protect against contamination
- Complete recirculation of the purified water to prevent stagnation
- Practical pure water tap directly on the tank
- Optional booster pumps integrated in the tank or external for supplying laboratory equipment with different capacities
- Optional UV tank disinfection unit to prevent bacterial growth

7-liter docking tank
Can be mounted directly on the appliance, space-saving and efficient.

30-liter tank
Flexible installation – on the laboratory bench or under-bench in the laboratory cabinet, with or without base.

60-liter tank
Ideal for larger quantities of water – also suitable for under table installation* without a base.

* Installation height with tank ventilation filter 80 cm

Pure water tanks for OmniaTap devices				
Article no.**	**Volume**	**Material**	**Dimensions* (W x H x D mm)**	**Weight dry (kg)**
16500017	7 l	PE	Docking tank	2
16500031	30 l	PE	338 x 568 x 413	6.5
16500061	60 l	PE	338 x 778 x 413	8

Pure water tank with integrated booster pump		
Article no.**	**Pump capacity (l/h-bar)**	**Weight dry (kg)**
16500032	100-2	10
16500062	100-2	11

Accessoires	
19200050	UV tank disinfection unit Omnia 254 – 16 watts
28000084	Tank removal set for OmniaTap 7-liter docking tank
19501500	Wall mount for pure water tank 30/60 l
16580000	External pump station 100 l/h - 2 bar
16561201	External pump station 2000 l/h - 3.5 bar

* Without aeration filter
** With level sensor, sterile overflow, ventilation filter + CO_2 absorber

OmniaPure *xs touch* Blueline Sustainability.

reduce, reuse, recycle.
stakpure Blueline stands for well thought-out sustainability. Blueline combines resource efficiency, durability, and recyclability with the highest quality standards. This significantly reduces greenhouse gas emissions throughout the life of the product and conserves the fossil resources of our blue planet.

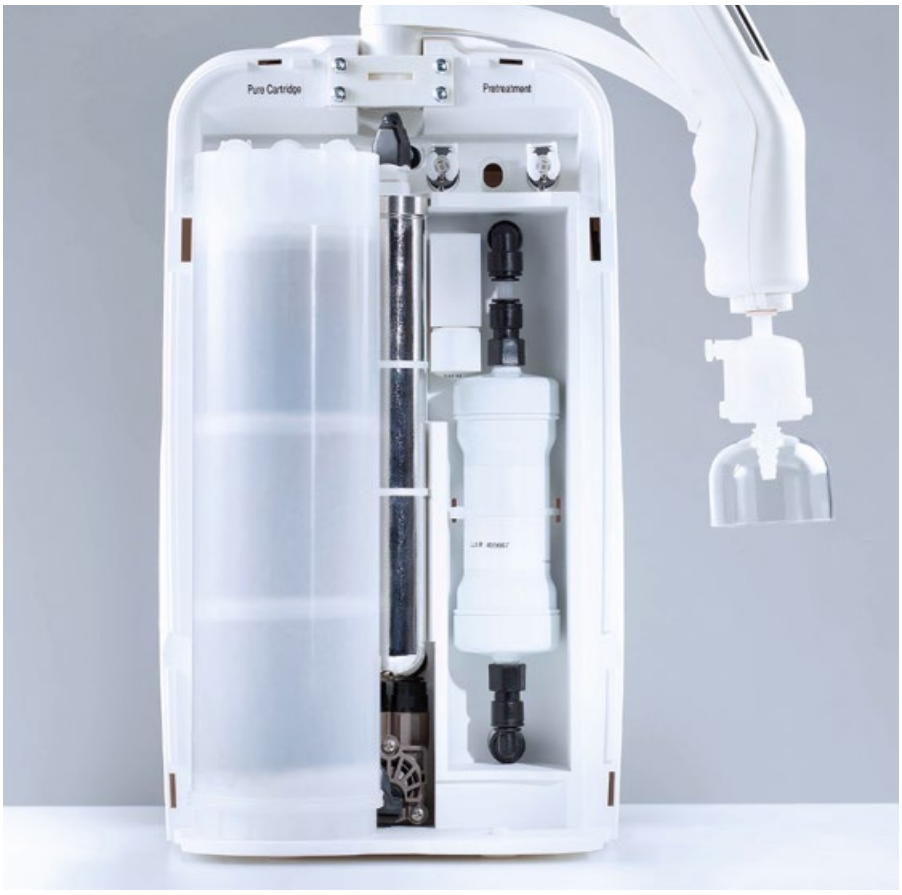
Cartridge volume with capacity display

Exceptionally large pre-treatment and ultrapure water cartridges, which fill every centimeter of the housing, paired with an intelligent remaining capacity display of the cartridges – offer exceptionally long service live and use-dependent replacement cycles. This saves time, resources and money.

sustainable pure water solutions

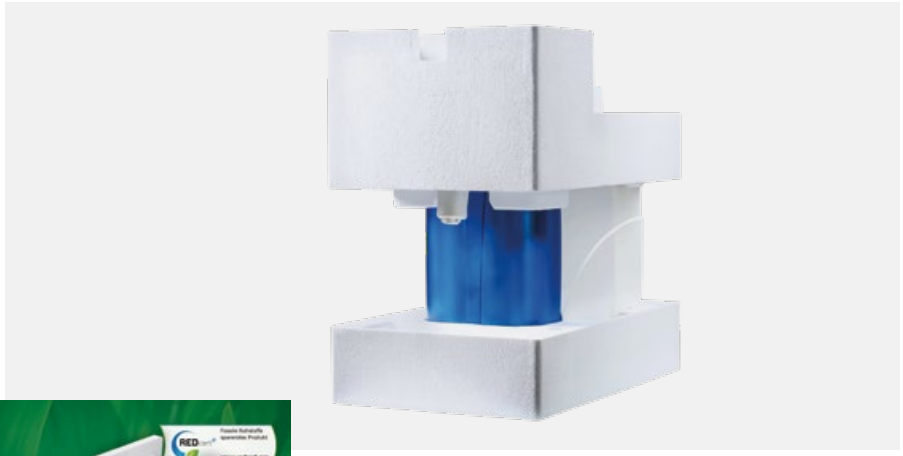
Backwashable, long-life ultrafilter

Also in the selection of the ultrafilter for microbiological and molecular biology applications (e.g. retention of RNases, DNases, ...), we focus on consistent sustainability. The stakpure Blueline is based on an integrated, backwashable and therefore very durable filter system with a service life of up to two years.



Packing

We use biomass balanced styrofoam for our packaging, which replaces natural gas by 100% with bio-oil and bio-gas. Compared to classic styropor 75% CO_2 are saved. Also a really strong stakpure blueline solution.



stakpure GmbH
Auf dem Kesseling 11
56414 Niederahr
Germany
Phone: +49 (0) 2602 10673-0
Fax: +49 (0) 2602 10673-200
info@stakpure.com
www.stakpure.de

We are certified
according to
ISO 9001: 2015

Is reliable and economic preparation of pure and/or ultrapure water a topic for you? Just call us!

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