

sustainable
pure water
solutions



H₂O - WATER IN ITS PUREST FORM

Omnia xs^{touch} Blueline Pure and ultrapure water systems.

**For demanding applications
in the smallest of spaces.**

ABOUT BOROSIL SCIENTIFIC LTD.

A Legacy of Trust in Indian Laboratories



Borosil Scientific Ltd. is one of India's most trusted names in scientific and laboratory solutions, with a legacy spanning over five decades.

What began with high-quality laboratory glassware has evolved into a comprehensive scientific ecosystem serving laboratories across pharmaceuticals, research, diagnostics, academia, and industry.

Today, Borosil Scientific is recognized not just as a manufacturer, but as a long-term partner to laboratories, delivering products that combine precision, reliability, and compliance with strong after-sales support.

LABQUEST®
BY **BOROSIL Scientific**

A Complete Instrumentation Platform for Modern Laboratories in our LabQuest product range

BOROSIL SCIENTIFIC'S STRENGTH IN INDIA



Nationwide distribution network



Strong service and application support



Deep penetration into pharma QC, academia, diagnostics, and CROs



Proven understanding of Indian laboratory conditions



Commitment to quality, consistency, and customer confidence

From Distillation to Advanced Purification

Borosil Scientific's journey of expansion in laboratory water systems



1962

Entry into scientific products and laboratory glassware



2008

Laboratory glassware manufacturing facility, Bharuch (Gujarat)



2015

Launch of LabQuest | Entry into laboratory instrumentation



2020

Introduction of on-demand distillation units



2024

Launch of quartz cabinet distillation units (QCD)



2026

Launch of advanced water purification systems in collaboration with StakPure GmbH

ABOUT STAKPURE

StakPure GmbH — German Expertise in Water Purification



Driven by German engineering principles and a strong focus on precision, consistency, and long-term reliability, StakPure delivers water purification systems designed for demanding analytical, research, and quality control applications worldwide.

StakPure GmbH is a Germany-based specialist dedicated to the design and manufacture of pure and ultrapure laboratory water systems. With over 25 years of industry experience across laboratories on all continents, StakPure has established itself as a trusted global partner for high-performance laboratory water solutions.

StakPure systems are trusted by laboratories across Europe and international markets, and are engineered to meet stringent global standards, including:

- ASTM
- ISO 3696
- CLSI Reagent Water guidelines



This enables laboratories to access **Type I, Type II, and Type III** water solutions under a unified, globally aligned platform.

Key highlights of the collaboration:



Equivalent global purity standards now available with local support



Systems designed for consistent performance and low cost of ownership



Complete coverage from RO water to 18.2 MΩ·cm ultrapure water



Seamless integration with Borosil Scientific's existing SDU, DDU, and QCD distillation portfolio

H₂O 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.



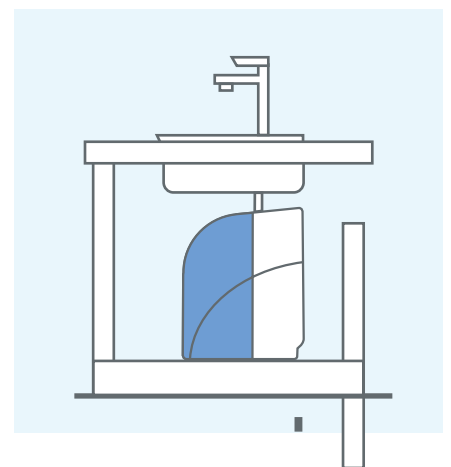
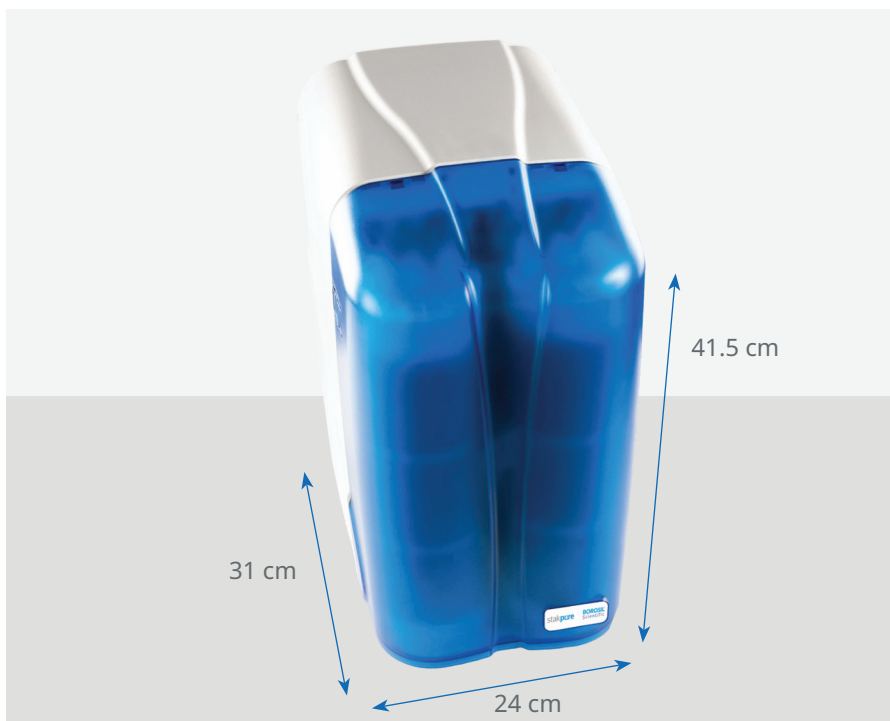


USB interface for data output.



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

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.



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.



The Omniaxs^{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

Filling height under
sterile filter: 41 cm,
with extension: 51 cm

Height
adjustable

10 cm extension
unit can be added

Robust glass top
made of safety glass

38 cm

25 cm

OmniaPurexs^{touch} Blueline

The specialist.

For H₂O 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 <i>xs touch</i> UV-TOC	OmniaPure <i>xs touch</i> UV-TOC/UF
Ultrapure water values type I		
Conductivity at 25 °C [μ S/cm]	0.055	0.055
Resistance at 25 °C [$M\Omega \times cm$]	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*** [μ g/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, electrodeionisation or distillation

Feedwater pressure [bar]	1 up to 6	1 up to 6
Conductivity at 25 °C [μ S/cm]	< 100	< 100
TOC-value [ppb]	< 50	< 50

Technical data

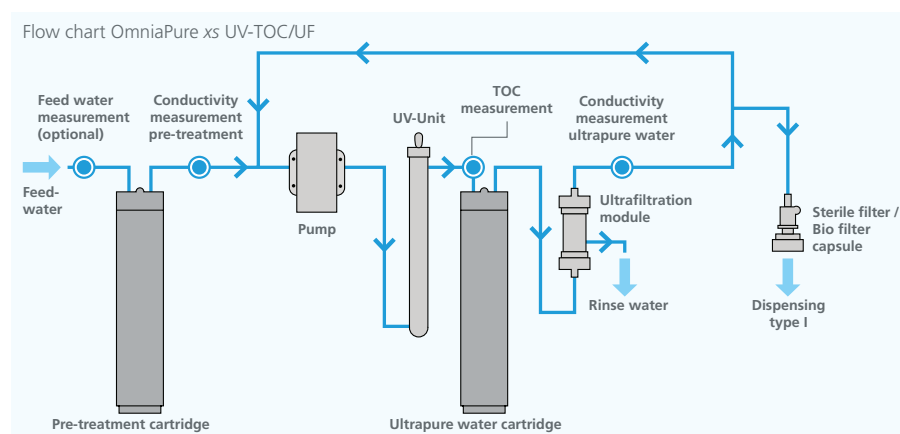
Feedwater connection	R3/4"	R3/4"
Electrical connection [Volt/Hz]	90–240/50–60	90–240/50–60
Connected load [W]	120	120
Ambient temperature [°C]	4 up to 40 (Recommendation: 10 up to 25)	4 up to 40 (Recommendation: 10 up to 25)
Printer port	RS232	RS232
Data port	USB-A	USB-A
Dimensions* [W x H x D mm]	240 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 <i>touch</i> 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 <i>touch</i> 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
STBL18100004	OmniaPure <i>xs</i> UV-TOC	STBL18100014	OmniaPure-W <i>xs</i> UV-TOC	STBL18100024	OmniaPure-T <i>xs</i> UV-TOC	Ultra-trace analysis, ICP-MS, HPLC, TOC-analysis
STBL18100005	OmniaPure <i>xs</i> UV-TOC/UF	STBL18100015	OmniaPure-W <i>xs</i> UV-TOC/UF	STBL18100025	OmniaPure-T <i>xs</i> 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.



Accessories	
STBL19200305	Wall mount Omnia <i>xs</i>
STBL19200090	Disinfection cartridge Omnia <i>xs</i>
STBL19200057	Disinfectant Omnia – 1 pcs./pack
STBL19200091	Disinfection kit Omnia <i>xs</i> (Cartridge + 1 pcs. disinfectant)
STBL19102100	Bio filter capsule
STBL19200092	Extension table dispenser 10 cm
STBL19200203	Feed water measuring cell Omnia <i>xs touch</i>
STBL19200062	Data printer

OmniaTapxs^{touch} Blueline

The Allrounder.

For H₂O 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

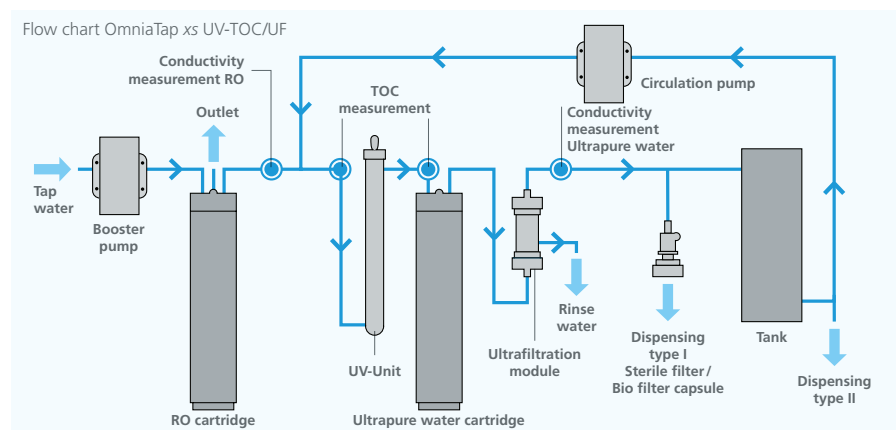


Space saving
under table



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 production unit without tank*** [W x H x D mm]	240 x 415 x 310	240 x 415 x 310
Dimensions production 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
STBL18120084	OmniaTap xs 8 UV-TOC	STBL18121084	OmniaTap-W xs 8 UV-TOC	STBL18122084	OmniaTap-T xs 8 UV-TOC	Ultra-trace analysis, ICP-MS, HPLC, TOC-analysis
STBL18120085	OmniaTap xs 8 UV-TOC/UF	STBL18121085	OmniaTap-W xs 8 UV-TOC/UF	STBL18122085	OmniaTap-T xs 8 UV-TOC/UF	Life science and microbiology, cell culture media



* 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	
STBL19200020	Pre-treatment unit 5 µm + hardness stabilization
STBL19200022	Pre-treatment unit 5 µm + activated carbon
STBL19200305	Wall mount Omnia xs
STBL19200090	Disinfection cartridge Omnia xs
STBL19200057	Disinfectant Omnia – 1 pcs./pack
STBL19200091	Disinfection kit Omnia xs (Cartridge + 1 pcs. disinfectant)
STBL19102100	Bio filter capsule
STBL19200092	Extension table dispenser 10 cm
STBL19200062	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* (WxHxD mm)	Weight dry (kg)
STBL16500017	7 l	PE	Docking tank	2
STBL16500031	30 l	PE	338 x 568 x 413	6.5
STBL16500061	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)
STBL16500032	100-2	10
STBL16500062	100-2	11

Accessoires

STBL19200050	UV tank disinfection unit Omnia 254 – 16 watts
STBL28000084	Tank removal set for OmniaTap 7-liter docking tank
STBL19501500	Wall mount for pure water tank 30/60 l
STBL16580000	External pump station 100 l/h - 2 bar
STBL16561201	External pump station 2000 l/h - 3.5 bar

* Without aeration filter

** With level sensor, sterile overflow, ventilation filter + CO₂ 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.



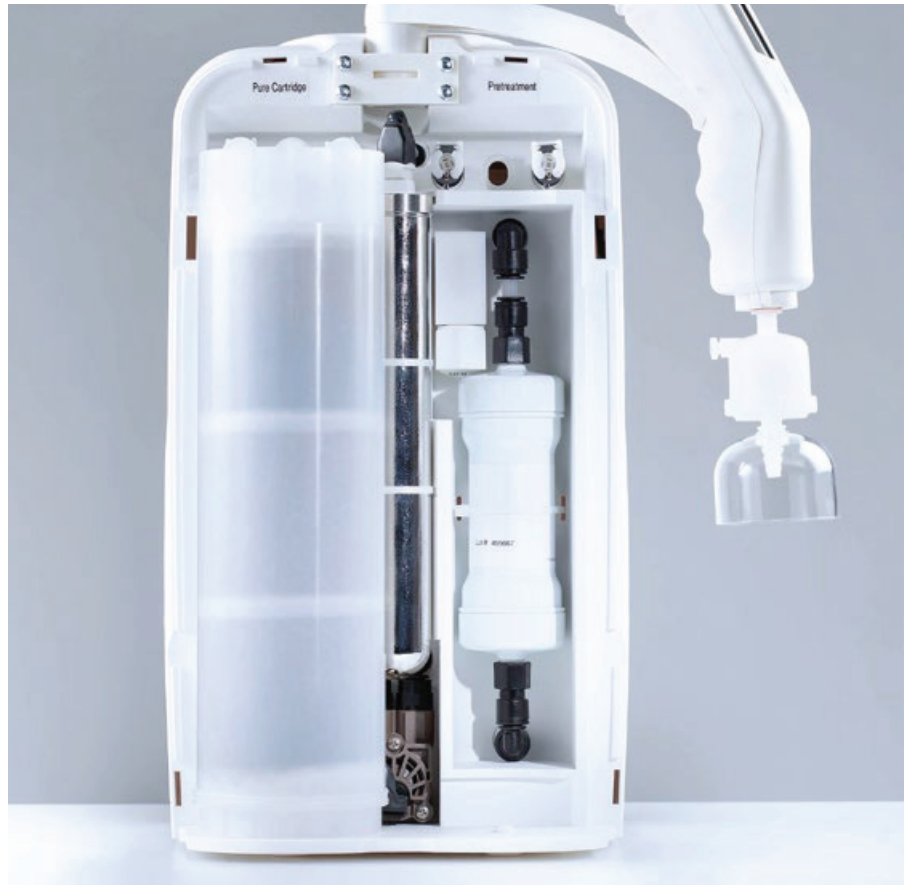
Cartridge volume with capacity display

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 life and use-dependent replacement cycles. This saves time, resources and money.



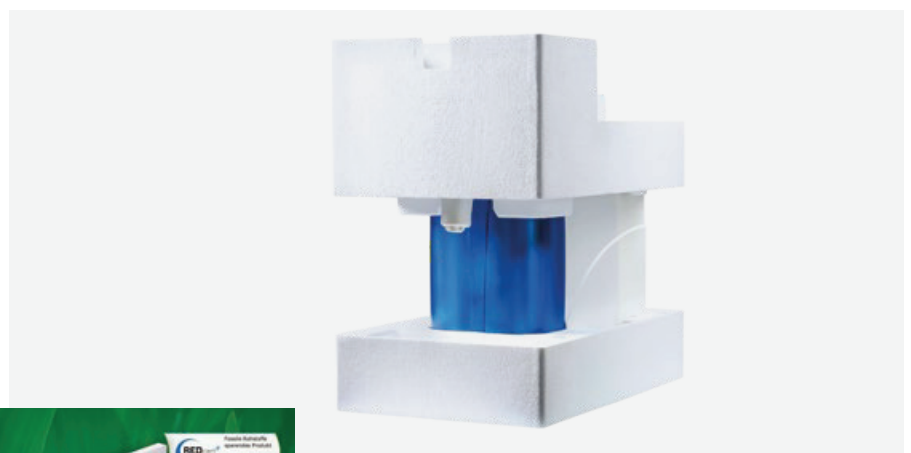
Backwashable, long-life ultrafilter

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.

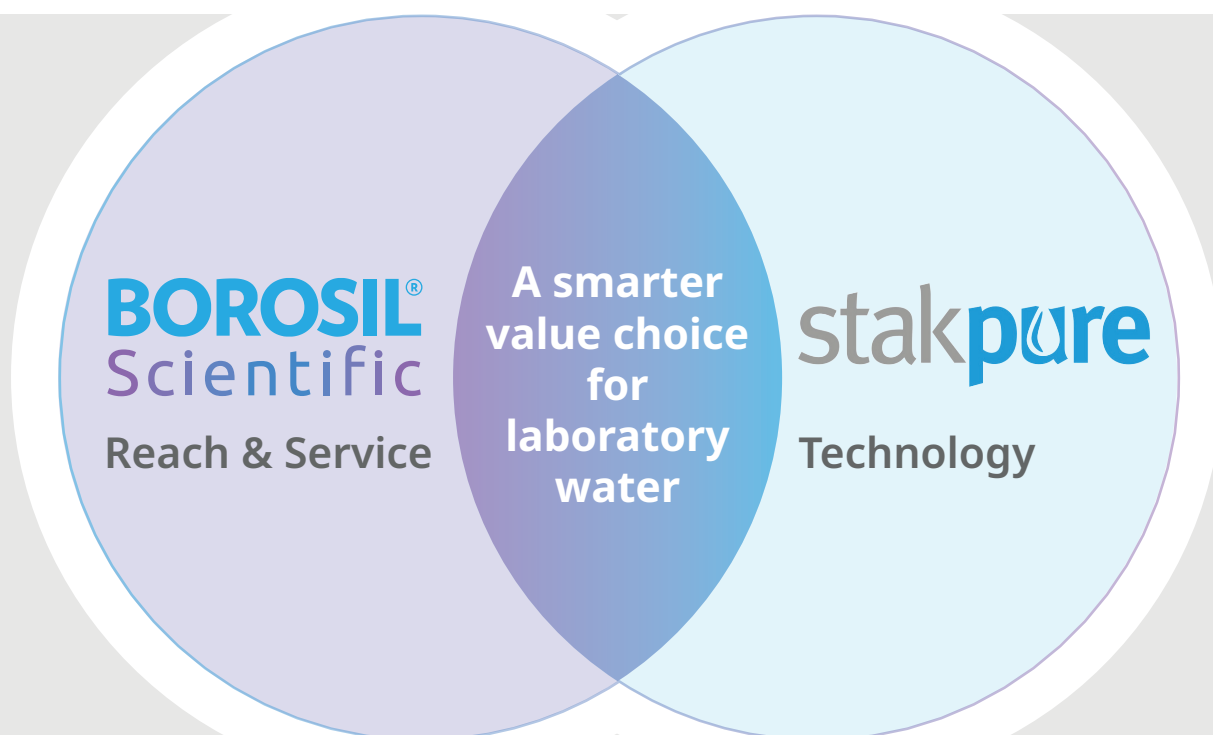


Packing

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% CO₂ are saved. Also a really strong stakpure blueLine solution.



A Collaboration Built to Deliver



BOROSIL®
Scientific

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