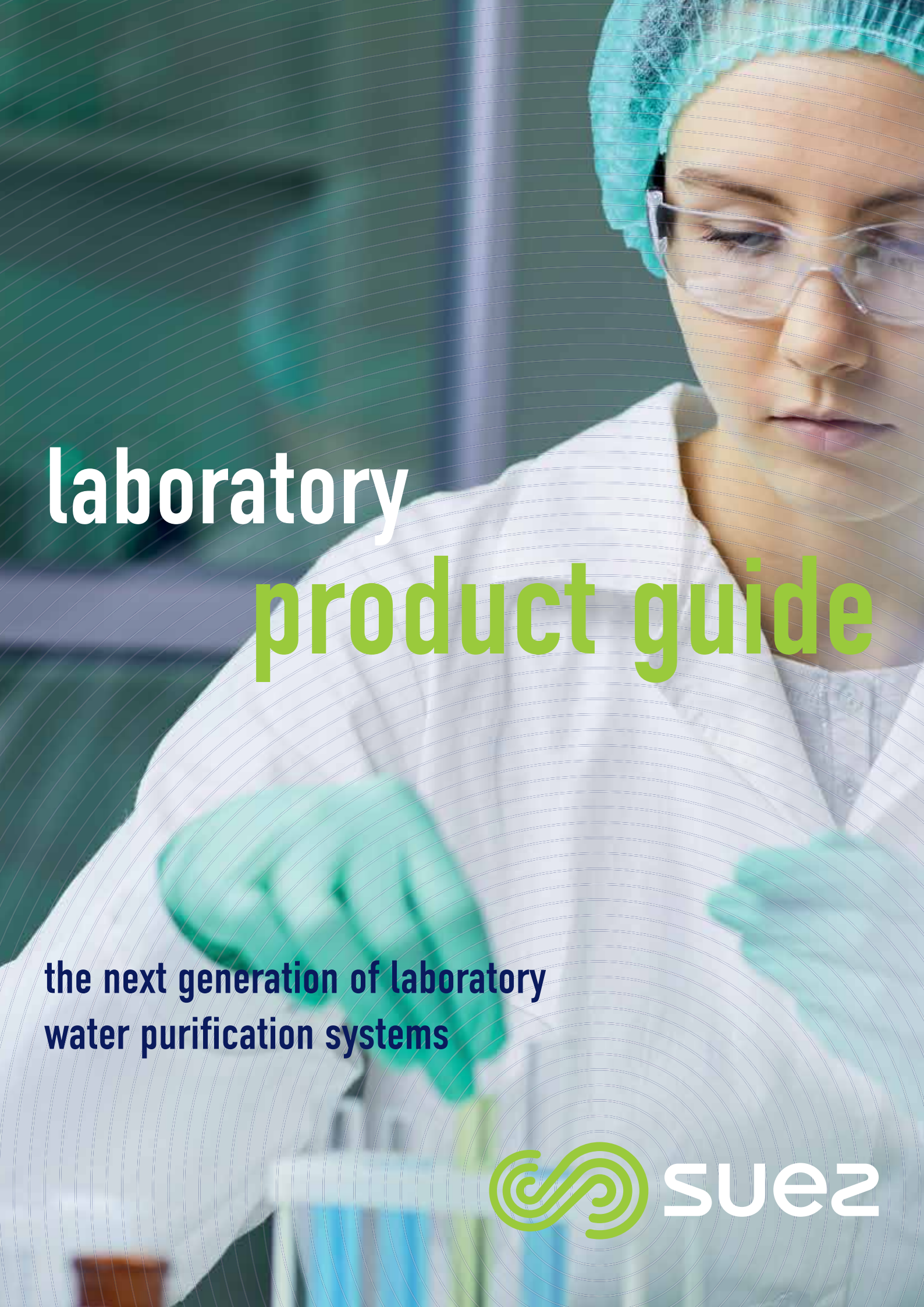


laboratory product guide

the next generation of laboratory water purification systems

suez



assurance of reliability & consistency

SUEZ specialises in the design, development and manufacture of advanced, high performance laboratory water purification systems under the Purite brand.

Every Purite system is designed to meet the needs of specific applications, providing high levels of water quality, consistency and reliability using a wide range of advanced technologies.

We also offer full technical support, training and aftermarket services, to ensure a maximum return on investment and unrivalled value for our customers.

choose a Purite system for:

Range of technologies

- **Reverse osmosis:** a total membrane process which can remove > 98% minerals and > 99% bacteria from potable water
- **Irradiation:** applied at 254 or 185nm to destroy micro organisms or to reduce Total Organic Carbon (TOC) levels
- **Filtration:** incorporates a wide range of sub-micron ratings which can be used to effectively reduce levels of bacteria, endotoxin, RNases and DNases from ultrapure water
- **Ion-exchange:** specifically selected nuclear grade resin combined with high activity absorbents to produce an ultra pure water quality (18.2MΩ.cm) with low TOC
- **Electrodeionisation:** to perform deionisation using an electronic cell to replace the traditional resin method, providing consistent purity of water and low running costs.

Ease of use

- A clear touch screen panel for easy menu navigation providing fingertip diagnostic functionality
- A range of menu features simplify operation and identification of key parameters
- Multiple dispense options available.

Simple maintenance and servicing

- Our range of long life cartridge packs and consumables are easy to change
- Semi-automated cleaning and sanitising routines minimise operator intervention
- Audible alarms for critical system conditions or routine operations
- WiFi connectivity to local LAN for software updates, data storage and operational maintenance assistance
- Service engineers are available as part of our maintenance care programmes, which can be tailored to meet your exact requirements.

Complete reliability

- High quality, long life pre-treatment modules based on proven technology ensure a consistent supply of purified water
- Data capture as standard.

Improved energy and water efficiency

- Our Purite units have an ECO option which incorporates an energy saving stand-by feature and 50% recovery of the RO water, making our ECO Purite units energy efficient and low on water usage and waste. (Excluding Purite Neptune Ultimate and Purite edi 60)

Fast configuration and installation

- A modular, optimised design enables quick system construction and configuration and simplifies installation and set-up
- QR codes for video viewing of consumable changes and installation procedures.

Maximum flexibility

- A space-saving design, with minimal external connections makes the units simple to install and allows for bench-top, wall mounted or under bench installation.

Compliance and accreditation

- Water qualities comply with the BS EN ISO3696 and ASTM D1193-06 industry standards and all units are manufactured within ISO9001 guidelines.

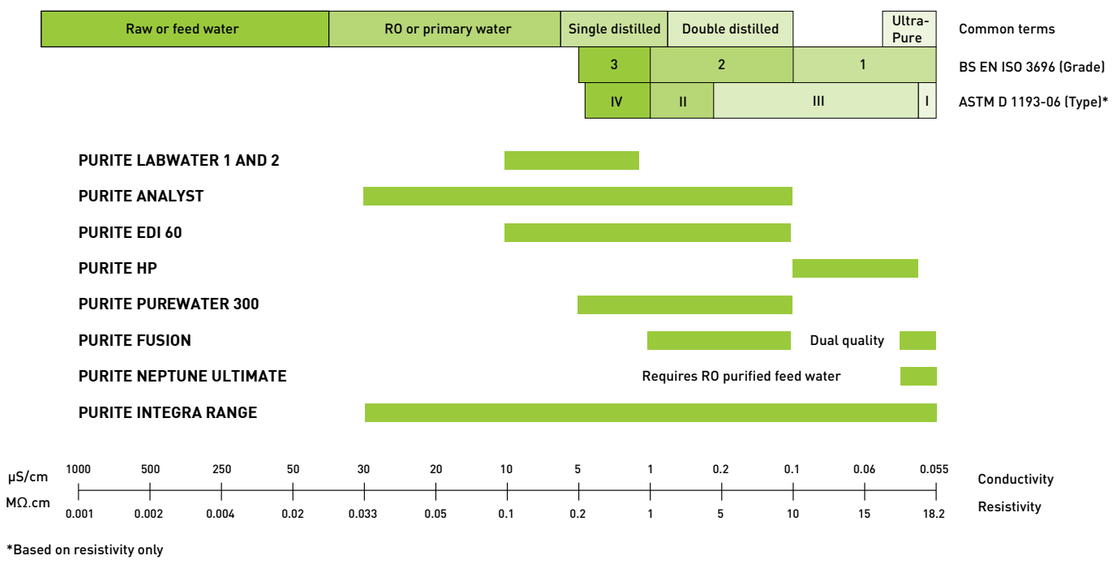


View our cartridge change guide

the right system for your requirements

Each of our systems is designed to provide the exact purity and volume of water required based on the quality of the feed water and the nature of the application, while also meeting storage and distribution requirements.

The table below shows the grades of water typically used by laboratories and outlines the systems that produce the required quality of water:



*Based on resistivity only

purite labwater deionisers

A simple, cost effective method of producing 10-1µS.cm purified water at low volumes.

The Purite Labwater units incorporate an easily replaceable cartridge, containing specifically designed resin, which changes colour through absorption of ionic contaminants, facilitating a low level of maintenance. On colour change from blue to brown, replace the cartridge.

The units are typically wall mounted and are easily connected via a dedicated hose (supplied separately) to a tap or stopcock and operate direct from water pressure thus requiring no external electrical supply.



Technical Specification	Labwater 1	Labwater 2
Max. feed pressure (bar)	0.5 – 5	0.5 – 5
Max. feed flow rate (l/hr)	30	60
Output capacity, litres		
@ 50 mg/l tds (soft)	640	1280
@ 200 mg/l tds (medium-hard)	160	320
@ 300 mg/l tds (hard)	106	212
pH	Neutral	
Conductivity	10 – 1µS/cm	

tds = total dissolved solids

Dimensions	Labwater 1	Labwater 2
Width (mm)	80	80
Depth (mm)	100	100
Height (mm)	580	760
Max shipping weight (Kg)	2.8	4.4
Max working weight (Kg)	2.5	3.5
Installation requirements		
Feed water	Potable	
Maximum TDS (ppm)	1000	
Feed water temperature	1 - 35°C	



mini pure water boost pump

The mini pure water boost pump is an on demand, delivery pump which can be used with any pure water system.

It is controlled by a built-in pressure sensing switch, which starts and stops the pump automatically when the outlet pressure drops or increases.

Installed on the outlet from a pure water supply tank it will provide a flow rate of up to 60 litres per hour and at a pressure of up to 3 bar.

Ideal applications include pressurised pure water supply for glasswashers, environmental chambers, humidity cabinets, autoclaves, corrosion testing equipment, single points of use and for any laboratory equipment that requires a pressurised feed.

Installation is simple, and uses 8mm push fit connections for the inlet and outlet (supplied) and connects to the mains electric supply with a standard 3 pin plug.

Specifications	
Output pressure	3 bar maximum
Outlet flow	60 l/hr maximum
On / Off cycles	6 per minute maximum
Feedwater	< 150 microns particulates
Operating temperature	5°C to 46°C
Power required	Single Phase, 230V, +/- 10%, 50 Hz
Shipping weight	3kg
Dimensions (w x h)	170mm x 275mm

our purite range:

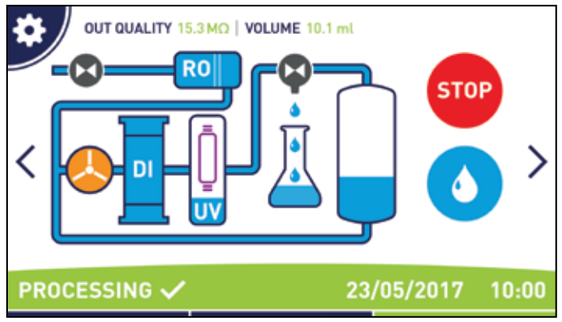
Our Purite range of water purification systems are compact, robust, simple to use and easy to maintain and available in seven standard models: Analyst, edi 60, HP, Purewater 300, Fusion, HPA 30 and Neptune Ultimate.

Common features of all our Purite systems include:

- Space-saving, dependable, bench top or wall mounted systems
- RO Removes > 98% minerals and > 99% bacteria
- Choice of production rates up to 48 l/hr
- Optional external storage tanks up to 100 litres
- RO Boost pump fitted as standard
- Installation kit and first set of consumables
- LCD colour touch screen panel
- Visual and audible alarms included
- Utilises carbon pre-treatment, RO, deionisation, filtration, UF, UV, EDI and recirculation
- USB port to download event data and upload software updates
- WiFi connectivity to local LAN for software updates, data storage and operational maintenance assistance
- Integral 20 litre storage as standard (excludes Neptune Ultimate)
- Semi-automatic clean cycle
- ECO option now available offering 50% recovery which equates to a significant reduction in water usage and waste.(Excluding Purite Neptune Ultimate, Purite Purewater 300 and Purite edi 60)



Touchscreen panel example*



* for illustration guide only



LED UV-C disinfection at point of use

Our latest LED UV point of use disinfection technology is now available on selected laboratory water purification units.

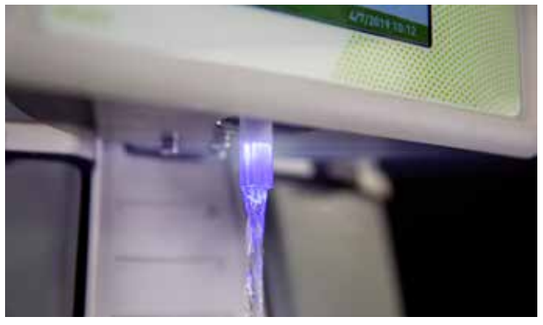
This uses long-life LEDs to reduce the risk of bacterial contamination, lower operating costs and eliminate the impact on the environment relating to the disposal of mercury lamps.

Laboratory water purification systems typically use a combination of sub-micron membrane filters and low pressure, mercury UV lamps to disrupt the DNA of bacteria and viruses. The lamps are often embedded within the water purification unit, away from the point at which purified water is dispensed. Each time the dispense valve is opened there is a risk that environmental air-borne bacteria will enter the downstream dispense point.

Our new system eliminates these problems by using miniature LED lamps located within the dispense head, at the point of use. Due to advances in LED engineering this is the first time such technology has been able to be used in this way.

These units are designed for all applications requiring ASTM Type I, II, III and BS grades of laboratory water.





ECO: sustainable water purification systems for laboratories

We have responded to increasing laboratory interest in sustainable solutions by introducing ECO options for our popular Purite water purification systems.

In addition to saving electricity with the intelligent standby feature for the HP and Fusion units, our customers can now save water through high recovery reverse osmosis (RO) systems.

Key features:

- High quality RO systems with water recovery rates of up to 50%
- Intelligent standby option (HP and Fusion units only) maintains water quality while saving electricity & water wastage
- Available in 2020 on popular Purite water purification systems and can be fitted on your next service visit.

Comparison of water consumption and typical costs between ECO (high recovery) and standard (normal recovery) purification systems

Purite model	Product output (l/hr) [1]	Drain flow (l/hr)		Approx. water usage per year (m3) [2]		Total annual water cost [3]		Potential annual saving [4]
		Standard version	ECO version	Standard version	ECO version	Standard version	ECO version	ECO version
160	14.4	66	approx. 15	704	252	£1,760	£900	£1,130

[1] Based on 60 psi, 10°C [2] Based on 10 hrs/day, 240 days/year usage [3] Based on typical water charges of £1.50/m3 for mains water and £1.00/m3 for waste water
[4] It should be noted that the high recovery RO system described cannot be used if input water has very high levels of hardness

Purite Smart Connect simplifies water purification management and maintenance for laboratories

We have introduced internet connectivity to our Purite range of laboratory water purification systems to further simplify asset management and maintenance for our customers.

The water purification systems are connected to the internet, utilising the laboratory's local Wi-Fi connection, and establishes a secure link which allows key data from the system to be remotely accessed and viewed in real-time by our customers and also the SUEZ service and customer support functions.

This provides vital information for our customers and allows SUEZ service engineers to monitor and assess the system's flow rates, purity levels, dispense rates and more, enabling any faults to be remotely and efficiently diagnosed, saving time and hassle for laboratories.



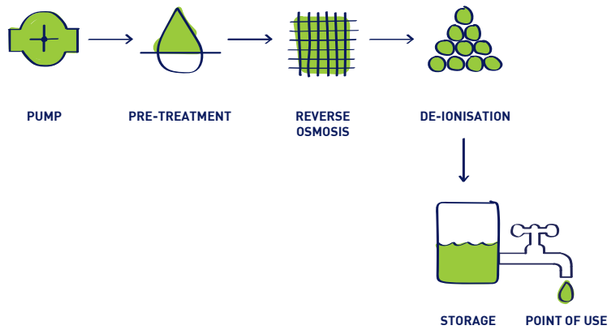
purite analyst

The Purite Analyst is a compact unit ideal for laboratory use, delivering a steady supply of > 1MΩ.cm pure water for laboratory tasks using carbon pre-treatment, reverse osmosis and deionisation. Typical applications include glassware rinsing, buffers and stains, reagent make-up, and media preparation.

Additional features

- Guaranteed > 1MΩ.cm water quality
- Remote display (optional)
- ECO option now available offering 50% recovery which equates to a significant reduction in water usage and waste
- WiFi enabled for remote monitoring and operation.

purite analyst process flow







purite storage tanks

The Purite storage tank range stores the purified water externally to the unit. Level switches ensure the tank does not overflow and refills when low.

The range includes four models that offer either 50 or 100 litre working volume, tank with UV, and tank with high flow outlet.

As well as Purite storage tanks we can supply on-demand pumps to provide a pressurised feed from the tanks.

purite edi 60

The Purite edi 60 is a compact unit ideal for laboratory use delivering a constant supply of >5MΩ.cm pure water for laboratory tasks using activated carbon pre-treatment, double pass reverse osmosis, carbon dioxide membrane degassing and electro-deionisation technology.

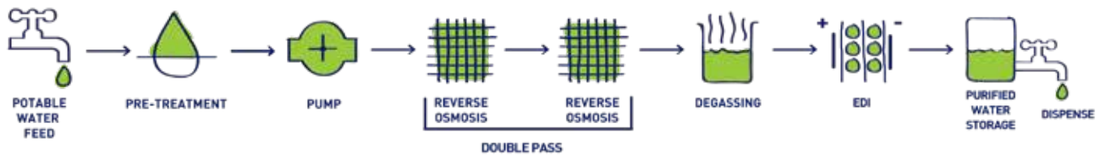
Typical applications include, glassware rinsing, buffers, and stains, reagent make-up and media preparation.

Additional features

- Guaranteed >5MΩ.cm water quality (BS 3696 / ASTM type II/III)
- Double pass RO pre-conditioning
- Long life edi cell
- Low maintenance
- Low running costs
- WiFi enabled for remote monitoring and operation.



purite edi 60 process flow



purite hp

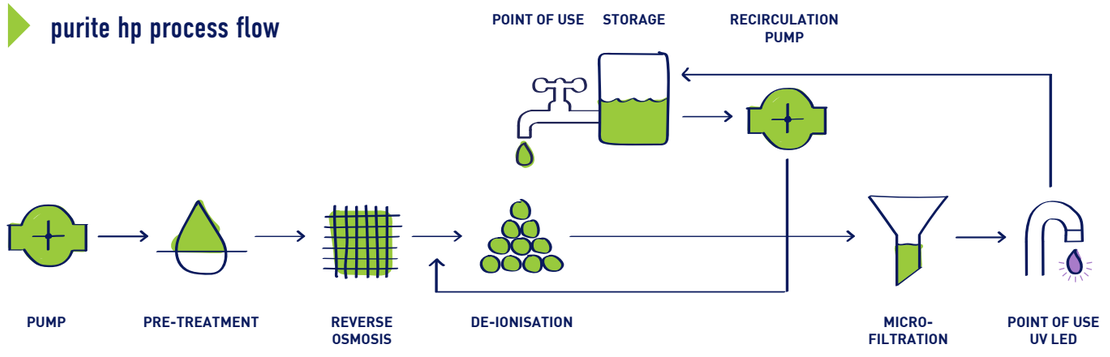
The Purite HP is a compact unit designed to produce a consistent supply of > 10MΩ.cm water for HPLC, ion chromatography, atomic absorption, hydrogen generation, and clinical analyser feed.

Additional features

- Guaranteed > 10MΩ.cm water quality
- Remote Dispense Pod (Optional)
- Energy saving intelligent stand-by mode
- Dispense rate of up to 2 litres/min
- 0.2µm point of use bacterial filter
- Water quality parameters, MΩ.cm, °C, flowrate displayed
- Selectable manual and volumetric dispense feature
- Internal microfiltration
- UV LED disinfection incorporated within the dispense head
- ECO option now available offering 50% recovery which equates to a significant reduction in water usage and waste
- WiFi enabled for remote monitoring and operation.



purite hp process flow



purite purewater 300

The Purite Purewater 300 is designed specifically for use with laboratory glassware washing machines, providing rinse water to a purity of over 1MΩ.cm at a flow rate of up to 48 litres per hour.

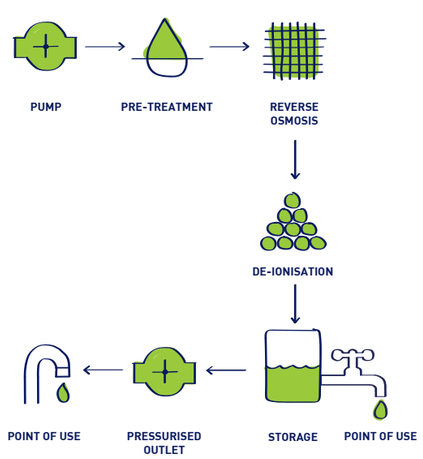
It can be fitted with an on-demand pure water boost pump to provide up to 1.5 bar pressurised feed with a flow rate of up to 200 litres per hour.

Additional features

- Guaranteed > 1MΩ.cm water quality
- Production rate up to 48 litres per hour
- On-demand pure water boost pump for pressurised output
- Additional high flow gravity outlet
- WiFi enabled for remote monitoring and operation.



purite purewater 300 process flow



purite fusion

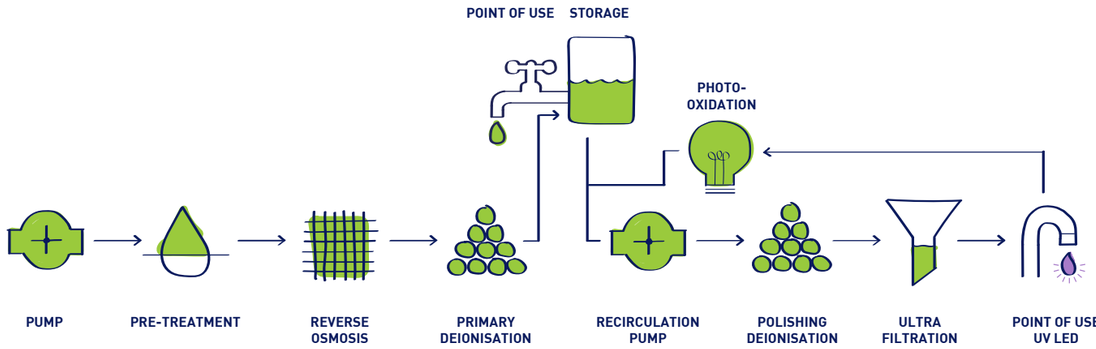
The Purite Fusion is a self-contained water purification unit that reliably delivers a steady supply of 18.2MΩ.cm purified water from a mains supply to life science laboratories. Diagnostic uses include histology, cell and tissue culture, DNA sequencing and IVF.

Additional features

- Dual water quality available 1-10MΩ.cm (Type-II) and 18.2MΩ.cm (Type-I)
- Remote Dispense Pod (Optional)
- Energy saving intelligent stand-by mode
- Dispense rate of up to 2 litres/min
- 0.2µm point of use bacterial filter
- Water quality parameters, TOC, MΩ.cm, °C and flowrate displayed
- Selectable manual and volumetric dispense feature
- 5000m.wt cut off Ultrafiltration for endotoxin, RNase/DNase removal
- Dual wavelength (185nm/254nm) UV irradiation
- Integral TOC indicator
- UV LED disinfection incorporated within the dispense head
- ECO option now available offering 50% recovery which equates to a significant reduction in water usage and waste
- WiFi enabled for remote monitoring and operation.



purite fusion process flow



purite hpa 30

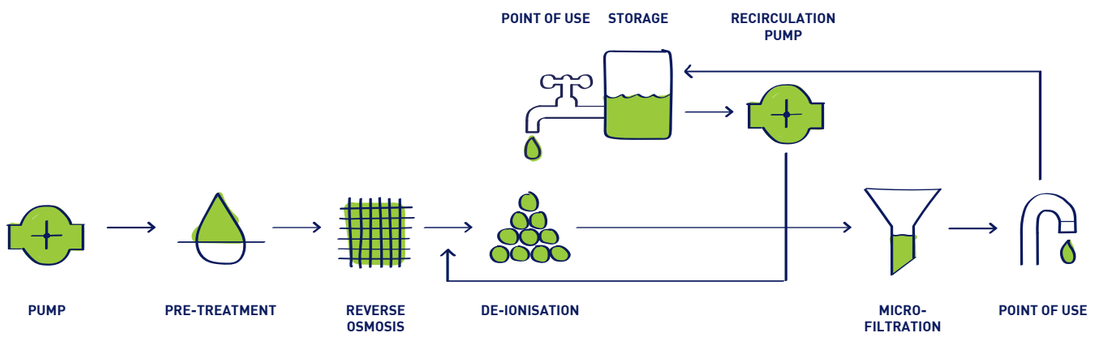
The Purite HPA 30 is compact, simple to operate and maintain, complete with an integral 20 litre storage tank as standard. Compatible for supply to all analyser manufacturers.

Additional features

- Guaranteed > 10MΩ.cm water quality
- Remote Display Pod (Optional)
- Energy saving intelligent stand-by mode
- Manual dispense from storage tank
- Colour touch screen display with process graphics
- Water quality parameters, MΩ.cm, °C, flowrate displayed
- Internal microfiltration
- Make-up production rate of 30 litres per hour (@10 °C)
- 20, 50 and 100 litre storage options
- Can be bench, under bench or wall mounted
- WiFi enabled for remote monitoring and operation
- 8mm pressurised outlet for direct connection to analyser.



purite hpa 30 process flow



purite neptune ultimate

The Purite Neptune Ultimate provides a high flow of guaranteed 18.2MΩcm ultrapure water for analytical and life science laboratory applications.

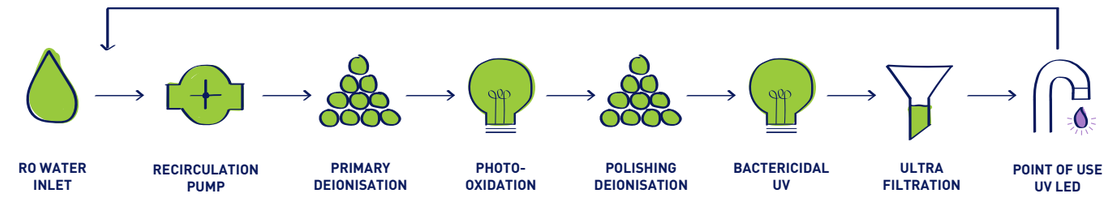
The Purite Neptune Ultimate utilises a number of proven technologies to produce ultra-pure, 18.2MΩ.cm water on-demand, including:

- Ion exchange cartridges incorporating monospherical, semiconductor grade mixed bed deionising resin with a low TOC leaching profile and a high activity organic absorption media
- Sub-micron and ultrafilter to remove particles, bacteria and endotoxins
- 185nm or photo-oxidising UV to cleave organic compounds into smaller charged ionic species that can be removed by ion exchange
- 254nm UV to reduce bacteria by more than 99%
- UV LED disinfection incorporated within the dispense head
- WiFi enabled for remote monitoring and operation.

The Purite Neptune Ultimate recirculates purified water to maintain its quality and include data capture for traceability and intelligent monitoring systems that place the unit into standby when it's not in use. Each unit also features semi-automated cleaning and sanitising routines, TOC indication and alarms for cartridge, UV and filter replacement.



purite neptune ultimate process flow



purite range specifications

unit specifications

	Purite Model									
	Analyst		edi 60	HP / Fusion		Purewater 300	HPA 30	Neptune Ultimate	50 L Tank	100 L Tank
	160	320		160	320					
Width (mm)	440							310	430	430
Depth (mm)	560							560	570	570
Height (mm)	750							750	670	750
Max shipping weight (kg)	28	33	35	36	41	28	41	21	10	17
Max working weight (kg)	43	51	55	51	59	51	59	29	60	117
Installation requirements										
Power	Single Phase, 110-230V, +/- 10%, 50/60 Hz								-	-
Feed water	Potable							< 20µS/cm	-	-
Maximum TDS (ppm)	1000							< 14	-	-
Minimum inlet pressure – psi (bar)	30 (2.1)		20 (1.4)	30 (2.1)				5 (0.34)	-	-
Maximum inlet pressure – psi (bar)	90 (6.2)							20 (1.38)	-	-
Feed water temperature	1-35ºC									
Product Outputs *										
@ 10ºC (l/hr)	14.4	30	6	14.4	30	30	30	-	-	-
@ 25ºC (l/hr)	24	48	10	24	48	48	48	-	-	-

* Product outputs based on a feed water pressure of 4 bar

system specification

	Purite Model						
	Analyst	edi 60	HP	Purewater 300	HPA 30	Fusion	Neptune Ultimate
Pure water storage	20 litre storage as standard (External 50 & 100 litre tanks available)						–
Display panel	LCD – Colour touch screen						
Pre-treatment cartridge	✓	✓	✓	✓	✓	✓	–
Reverse osmosis	✓	✓ (Double Pass)	✓	✓	✓	✓	–
Deionisation cartridge	✓	–	✓	✓	✓	✓	–
Electrodeionisation (EDI)	–	✓	–	–	–	–	–
Internal filtration	–	–	Microfiltration	–	Microfiltration	Ultrafiltration	Ultrafiltration
Point of use	–	–	0.2µm (optional)	–	–	0.2µm (optional)	0.2µm (optional)
UV lamp	–	–	✓ *	–	–	185nm / 254nm	185nm & 254nm
Recirculation pump	–	–	✓	–	✓	✓	✓
Ultrapure polishing cartridge	–	–	–	–	–	✓	✓

* External tank version only

treated water specification

	Purite Model							
	Analyst	edi 60	HP	Purewater 300	HPA 30	Fusion		Neptune Ultimate
						High Purity Dispense	Purified Water Storage Tank	
Inorganics	> 1MΩ.cm	> 5MΩ.cm	> 10MΩ.cm	> 1MΩ.cm	> 10MΩ.cm	up to 18.2MΩ.cm	> 1MΩ.cm	18.2MΩ.cm
pH *	Neutral							
Bacteria	> 99% rejection **	> 99% rejection **	> 10MΩ.cm	> 99% rejection **	< 0.1cfu/ml	< 0.1cfu/ml	–	< 0.1cfu/ml
Organics – TOC (ppb)	< 50	< 50	> 10MΩ.cm	< 50	< 20	< 5	< 50	< 1
Particles	–	–	> 10MΩ.cm	–	< 0.1µm	< 0.2µm	–	Ultrafiltration
Endotoxins	–	–	–	–	–	< 0.001EU/ml	–	< 0.001EU/ml
DNases	–	–	–	–	–	< 4pg/µl	–	< 4pg/µl
RNases	–	–	–	–	–	< 0.01ng/ml	–	< 0.01ng/ml
Dispense modes	Bib tap on storage tank	Latched – hold – volumetric			-	Latched – hold – volumetric		
Dispense flow rate	–	–	up to 2.0 l/min	up to 200 l/hour @ 1.5 bar	-	up to 2.0 l/min	–	up to 2.0 l/min
Pressurised outlet (8mm)	–	–	–	–	up to 2l/min @ 2.3-2.5 bar	–	–	–

* pH of stored water may decrease due to absorption of free carbon dioxide ** When measured directly across the membrane



our purite integra range:

Our Purite Integra range is ideal for laboratories requiring greater daily volumes of purified water with several points of use. The Integra HP and Integra L systems produce laboratory grade deionised water from 60-600 litres per hour, while our Integra 200E system is a low energy, self-contained unit utilising the latest low energy reverse osmosis membranes and electro-deionisation technology.

purite integra hp

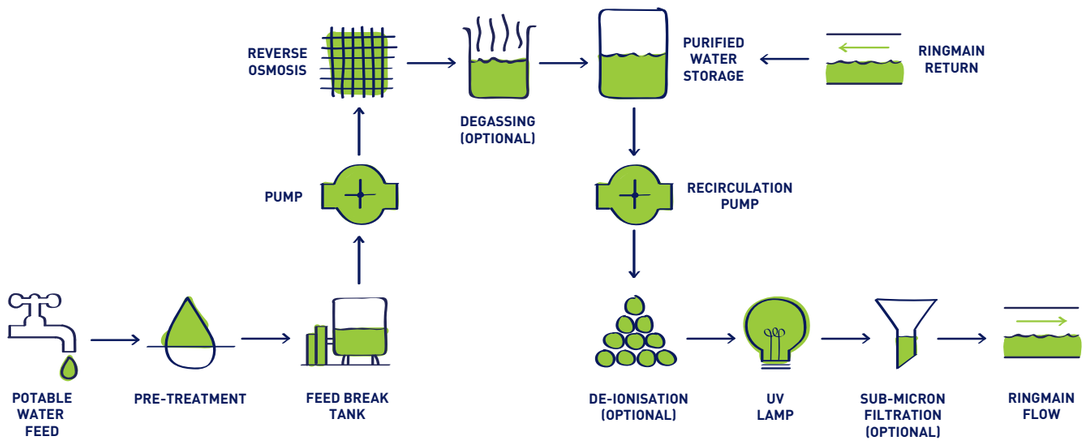
The Purite Integra HP is a compact water purification and distribution unit. Fully integrated, it incorporates reverse osmosis and ultra violet radiation technology, with storage and a distribution pump. It is also available with optional carbon dioxide, membrane degassing and bacterial filtration technology.



Additional features

- Produces 120 or 190 l/hr (requires softened feed)
- Option of Integral 50 litre or external 300 litre purified water storage tank
- Optional carbon dioxide membrane degasser to enhance deioniser capacity
- Range of polishing deioniser options to meet all purity requirements and standards
- Full colour LCD touch screen display for ease of operation
- Low energy recirculation pump to conserve energy during periods of low demand
- Cat5 compliant break tank to comply with water regulations.

purite integra hp process flow



purite integra l

Our Purite Integra L units have been designed to provide a broad spectrum of purified water for laboratory applications. Each unit is designed to feed a laboratory suite with several outlets using a ring main to provide a continuous supply. The water is stored in an integral 250 litre stainless steel tank. Two units are available: The Integra L^H for hard feed water and Integra L^S for soft feed water.

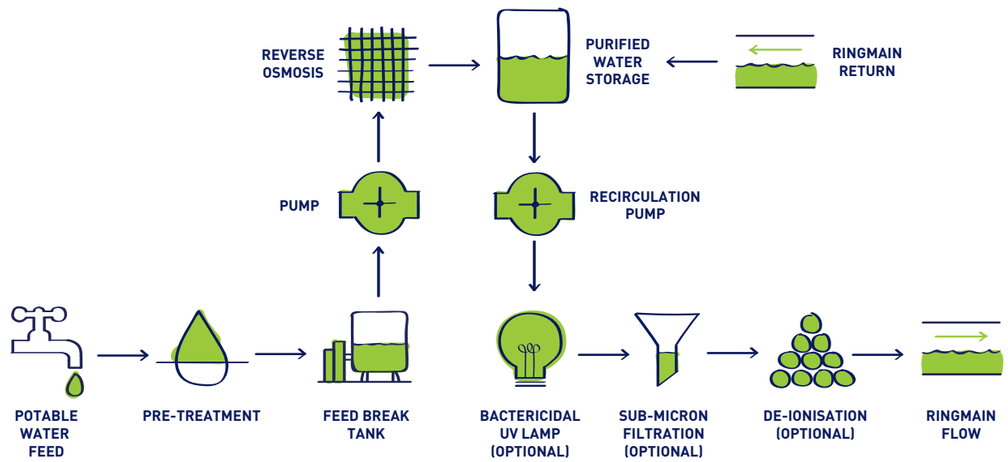
To provide higher grades of purified water the basic Integra L units can be supplemented by the addition of optional polishing packs comprising of stand-alone exchangeable cylinders. For applications requiring high quality water with enhanced bacterial specification, UV disinfection and 0.2µm filtration is available in an optional BIO pack.



Additional features

- Single compact unit which purifies, stores and distributes lab water
- Produces up to 600 l/hr
- Provides ASTM Type I, II or III water and BS EN ISO grade 1,2 or 3 water
- Utilises reverse osmosis technology, in conjunction with activated carbon and particulate filtration as part of the first stage of purification
- Integrated data logging for performance traceability equipped as standard
- Delivered factory tested for ease of installation
- LCD screen display for ease of operation.

purite integra l process flow





purite integra 200e

The Purite Integra 200E water purification unit provides high quality water for laboratories, utilising the latest low energy reverse osmosis membranes and electro-deionisation technology.

Configured and tested before delivery to ensure minimal installation time, the fully integrated and user friendly Integra 200E offers laboratories optimum efficiency and flexibility in water purification production.

Variable speed pumps ensure laboratories are able to minimise their energy consumption, whilst category 5 backflow prevention technology offers protection to the mains supply.

Additional features

- Self-contained, fully bunded, "plug and play" package designed to reduce installation and service times
- Efficiently delivers highly purified water; make-up flow rate of 200 l/hr
- Utilises reverse osmosis, electro-deionisation, ultra-violet irradiation and bacterial microfiltration
- Standby mode and variable speed pumps to minimise power consumption and running costs during periods of low demand
- LCD touch screen with password controlled menu access
- Automatic alarm notification system monitoring leakage and quality of water
- Compact, fully bunded, stainless steel skid package with anti-vibration mounts
- Category 5 backflow prevention to protect mains supply
- Automated chemical cleaning program
- Optional water storage available, 350, 500 and 1000 litres.



purite integra range specifications

unit specifications

	Integra Model					
	HP		L	200E		
	HP IT	HP GP ***		200E - 350	200E - 500	200E - 1000
Width (mm)	890	1110	1000	1500	1850	2600
Depth (mm)	500	604	750	2020	2020	2020
Height (mm)	840	1842	1800	1020	1020	1020
Max shipping weight (kg)	95	134	310	340	350	370
Max working weight (kg)	140	467	550	767	917	1417
Installation requirements						
Power	Single Phase, 230V, +/- 10%, 50 Hz **		Single Phase, 230V, +/- 10%, 50 Hz			
Feed water	Potable	Softened	Potable *	Softened		
Maximum TDS (ppm)	1000		1000	< 1000ppm		
Minimum inlet pressure - psi (bar)	30 (2.1)		15 (1)	30 (2.1)		
Maximum inlet pressure - psi (bar)	90 (6.2)		90 (6.2)	90 (6.2)		
Feedwater temperature	1-30°C		1-30°C	10 - 25°C		
Flowrate	–		–	400 l/hr		
Free chlorine	Must be dechlorinated					

* Softened feed water required for 600 l/hr (Integra L^S). Integra L^H can operate on hard water up to 400ppm as $CaCO_3$ *** Complete with plinth and 300 litre tank
** 110v 60Hz available as an option

system specification

	Integra Model					
	HP		L	200E		
	HP IT	HP GP		200E - 350	200E - 500	200E - 1000
Pure water storage	50 litres	300 litres	250 litres	Up to 350 litres	Up to 500 litres	Up to 1000 litres
Display panel	LCD - Colour touch screen		LCD screen	LCD - Colour touch screen		
Pre-treatment	5µm pre-filter					
Reverse osmosis	Low energy membranes					
Deionisation	Optional cylinders		Optional Di packs *	EDI module		
Micro filtration	Optional 0.2µm		Optional 0.2µm **	0.2µm filter		
UV lamp	254nm		Optional 254nm **	Bactericidal 254nm		
Purified water make-up flow rate @ 10°C	120 or 190 l/hr		200 – 600 l/hr ***	200 l/hr		
Purified water distribution	Up to 270 l/hr and a max of 3 bar	240 l/hr and a max of 3 bar	Up to 3000 l/hr	Up to 2m^3/hr and a maximum of 90 psi (6.2 bar)		
Carbon dioxide degassing	Optional		-	Hollow fibre membrane as standard		
TOC reduction	Optional *		Optional *	✓		

* 10, 15, 18MΩ.cm polishing deionisation packs available including activated carbon for TOC reduction
** Included in BioPack
*** Softened feed water required for 600 l/hr (Integra L^S). Integra L^H can operate on hard water up to 400ppm as $CaCO_3$

treated water specification

	Integra Model				
	HP	L	200E		
			200E - 350	200E - 500	200E - 1000
Conductivity	< 30µs/cm to 18.2MΩ-cm	< 30µs/cm **	up to 15MΩ-cm		
Bacteria	< 1cfu/ml *	> 99% rejection ***	< 1cfu/ml		
Organics – TOC (ppb)	< 30ppb	> 99% rejection **	< 500ppb as C		
Particles	< 0.2µm *	0.2µm ***	< 0.2µm		
Endotoxins	-	0.25EU/ml ***	-		

* With optional 0.2µm bacterial filter
** For enhanced inorganic and organic quality the unit can be fitted with either 10,15 or 18MΩ.cm polishing deionisers packs. Typical TOC levels < 50ppb
*** Optional 'BioPack' will provide purified water with a total viable count of < 1cfu/ml, endotoxin level < 0.25EU/ml and particles < 0.2µm





24/7 service

Total lifetime support is a vital element in the services that we provide to all our customers, from a small laboratory with a single benchtop unit, to a major healthcare or industrial organisation with multiple systems or a complex high volume water purification plant.

Our customer support services include system design and build, installation and commissioning, plus 24/7 long-term maintenance contracts to optimise efficiency and minimise through-life costs.

We also hold extensive stocks of consumables and spare or replacement parts that are available as and when required.

Our team of experienced and regionally based engineers provide dedicated applications and support - both by phone and onsite - including consultancy, trouble-shooting and product training.

global support

We are part of SUEZ, a world leader in water and waste resources management.

Being part of a wider infrastructure gives us access to an extensive network of global resources, plus the people that possess the experience, skills and knowledge that make our business better.

We offer dedicated resources through a comprehensive network of over 50 distribution channels, encompassing North America, Asia, Europe, Africa and Australasia.

Our complete and innovative range is supported by an approved local distributor, ensuring a secure and cost-effective service, a supply of critical equipment and ultimately – peace of mind.

Every day we turn this to our customers' advantage, delivering ideas, solutions and support that improve water quality, system performance and return on investment.

about SUEZ

SUEZ is an organisation with more than 150 years of experience in water treatment and waste management. SUEZ specialises in securing and recovering resources to provide proven solutions that enable its customers to address resource management challenges.

70
countries

80,000
employees

323,000
industrial and business customers

65,000,000
people benefiting from sanitation services

92,000,000
people supplied with drinking water

10,000,000
people supplied with drinking water from desalinated seawater

14,000,000
tonnes of waste recovered

74,000,000
euros invested in resource-focused R&D

5,138
GWh of energy generated from waste each year around the world

resource revolution

At the heart of SUEZ's ethos is the Resource Revolution, which aims to overcome the challenges presented by the increasing scarcity of natural resources.

the revolution is:



circular

because it aims to regenerate resources that are essential to life and the future according to the principles of the circular economy.



concrete

because it involves tangible and innovative actions to secure resources.



collaborative

because it engages everyone who contributes, each at their own level, to better manage and secure resources for the future.

SUEZ is working to promote innovative technologies and thinking to save for future generations. For example, it calls on the world to embrace change in our water consumption habits, rethink mass waste-creating production methods and develop sustainable societies. In particular, SUEZ can help hospitals and life sciences facilities to meet their specific corporate social responsibility policy targets through audit and consultancy services.

memberships

SUEZ is a member of:

- Institute of Healthcare Estates and Estate Management (IHEEM)
- Central Sterilising Club (CSC)
- Association of Renal Technicians (ART)
- Laboratory and Export body (GAMBICA)
- British Association for Chemical Specialities (BACS)
- SAFEcontractor
- Water Management Society (WMS) (employees only as non-corporate)
- Commissioning Services Association (CSA)

accreditations

SUEZ is a accredited to:

- IOSH Approved Centre
- ISO 9001
- ISO 13485
- ISO 14001
- ISO 45001
- SAFEcontractor
- BuildCert



contact

Water Purification Systems

Email: mail.waterpurificationsystems.uk@suez.com

Web: www.suezwatertechnologies.com/products/water-purification

Installation guide

View our installation guide videos on your smart device by scanning the QR code.

Errors and Omissions excluded. SUEZ reserves the right to change the specification in accordance with our program of continual improvement.