

select hp

compact water purification system, designed to guarantee a consistent supply of high quality pure water



The Select 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 0.1µm bacterial filtration.



select hp

compact water purification system, designed to guarantee a consistent supply of high quality pure water

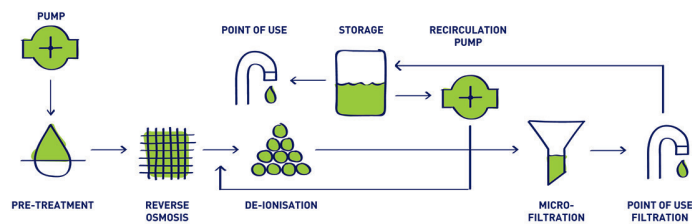
common select features

Our Select range of water purification systems is compact, robust, simple to use and easy to maintain and available in five standard models: Analyst, HP, Purewater 300, Fusion and Neptune Ultimate.

Common features of all our Select 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 all consumables included for first year's operation
- LCD colour touch screen panel
- Visual and audible alarms included
- Utilises carbon pre-treatment, RO and deionisation
- USB port to download event data and upload software updates
- Integral 20 litre storage as standard (excludes Neptune Ultimate)
- Semi-automatic clean cycle.

Select HP Process Flow



contact

SUEZ Water Purification Systems Ltd
Bandet Way, Thame, Oxon OX9 3SJ

Tel: +44 (0)1844 217141 | Fax: +44 (0)1844 218098
Email: info@sueztreatmentsolutions.co.uk
Web: www.sueztreatmentsolutions.co.uk



technical specifications

Unit Specification	40/80/160	320
Width (mm)	440	
Depth (mm)	560	
Height (mm)	750	
Max shipping weight (kg)	36	41
Max working weight (kg)	51	59
Installation requirements		
Power	Single Phase, 110-230V, +/- 10%, 50/60 Hz	
Feed water	Potable	
Maximum TDS (ppm)	1000	
Minimum inlet pressure - psi (bar)	30 (2.1)	
Maximum inlet pressure - psi (bar)	90 (6.2)	
Feed water temperature	1-35°C	
Product outputs*		
@ 10°C (l/hr)	3.6 / 7.2 / 14.4	30
@ 25°C (l/hr)	6 / 12 / 24	48

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

System Specification	
Pure water storage	20 litre storage tank as standard (External 50 & 100 litre tanks available)
Display panel	LCD - Colour touch screen
Pre-treatment cartridge	✓
Reverse osmosis	✓
Deionisation cartridge	✓
Internal filtration	0.1µm
Point of use	0.2µm
UV lamp	✓*
Recirculation pump	✓
Ultrapure polishing cartridge	-

* External tank version only

Treated Water Specification	High Purity Dispense	Purified Water Storage Tank
Inorganics	> 10MΩ.cm	
pH*	Neutral	
Bacteria	< 1cfu/ml	
Organics - TOC (ppb)	< 20	
Particles	< 0.1µm	
Endotoxins	-	
DNases	-	
RNases	-	
Dispense modes	Latched - hold - volumetric	
Dispense flow rate	up to 2.0 l/min	

* pH of stored water may decrease due to absorption of free carbon dioxide

