

purewater 300

designed for laboratory glassware washing machines and climatic cabinets



The Select 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.



purewater 300

ideal for laboratory applications

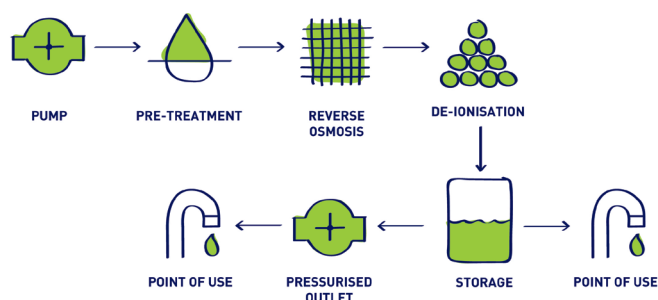
common select features

Our Select range of water purification systems is compact, robust, simple to use and easy to maintain and available in six standard models: Analyst, edi 60, 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 Purewater 300 Process Flow



contact

technical specifications

Unit Specification	
Width (mm)	440
Depth (mm)	560
Height (mm)	750
Max shipping weight (kg)	33
Max working weight (kg)	51
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)	30
@ 25°C (l/hr)	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	-
Point of use	-
UV lamp	-
Recirculation pump	-
Ultrapure polishing cartridge	-

Treated Water Specification	
Inorganics	> 1MΩ.cm
pH ¹	Neutral
Bacteria	> 99% rejection ²
Organics – TOC (ppb)	< 50
Particles	-
Endotoxins	-
DNases	-
RNases	-
Dispense modes	Latched - hold - volumetric
Dispense flow rate	up to 200 l/hour @ 1.5 bar

¹ pH of stored water may decrease due to absorption of free carbon dioxide

² When measured directly across the membrane



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