

# 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 1M $\Omega$ .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 > 1M $\Omega$ .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

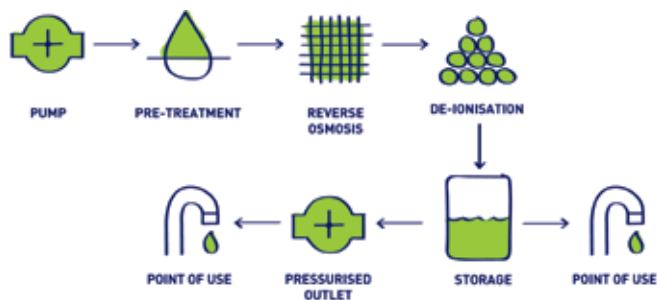
## common select features

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

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## technical specifications

Unit Specification	
Width (mm)	440
Depth (mm)	560
Height (mm)	750
Max shipping weight (kg)	28
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 <sup>1</sup>	Neutral
Bacteria	> 99% rejection <sup>2</sup>
Organics - TOC (ppb)	< 50
Particles	-
Endotoxins	-
DNases	-
RNases	-
Dispense modes	Latched - hold - volumetric
Dispense flow rate	up to 200 l/hour @ 1.5 bar

<sup>1</sup> pH of stored water may decrease due to absorption of free carbon dioxide

<sup>2</sup> When measured directly across the membrane

