

PUR1TE

FIRST FOR PURE WATER

Simply Spotless Glassware

- Provides rinse water of over 1MΩ.cm quality, available on demand for laboratory washing machines
- Effectively guarantees residue free glassware

Simply Reliable Water Quality

- High quality reverse osmosis and pre-treatment modules ensure a reliable and consistent quality of water
- Water quality is constantly monitored and displayed

Simply Well Designed

- Fast rate of water production into integral 30 litre tank
- External tanks available for greater capacity
- Compact footprint, saving on valuable bench space
- Minimal external connections for easy installation

Simple to Monitor

- System information is easily accessible
- System status is constantly monitored
- Alarms notify the user of changes eg: if consumables need replacing

Simple To Use

- High flow outlet connects easily with most makes of laboratory glassware washing machines
- Quick fit connections for rapid installation
- Easy change consumables



Select Purewater 300

Providing purified water for laboratory glassware washing machines.

Specification for Select Purewater 300

Technical Data		System Output	
BS EN ISO 3696	Grade II	Output at 25°C (l/hr)	48
ASTM D1193-99E1	Type II	Output at 10°C (l/hr)	30
Resistivity (MΩ.cm)	1 - 10	Output results generated at 60psi / 4 bar. If pressure is below 60psi / 4 bar output will be reduced accordingly.	
Residual Solids (ppm)	<0.5	For illustration, at 30psi / 2 bar output would be up to 50% below these values	
Heavy Metals (ppb)	<0.1		
pH ¹	6 - 8		
Bacteria	>99% Rejection		
TOC (ppb)	<50		
1 – pH of stored water may decrease due to CO ₂ absorption			

Dimensions		Installation Requirements	
Width (mm)	408	Power Requirements	100 - 240V / 50 - 60Hz
Depth (mm)	548	Feedwater Requirements	1000 (ppm) TDS potable mains supply
Height (mm)	860	Maximum Inlet Pressure (bar) [^]	6
Shipping weight (kg)	32	Minimum Inlet Pressure (bar)*	2
Working weight (kg)	60	Feedwater Temperature	1 - 40°C
Height, width and depth are maximum measurements		[^] Optional pressure regulator accommodates high water feed pressure (>6 bar) *Optional boost pump accommodates low water feed pressure (<2 bar)	

Errors and omissions excluded. Purite reserves the right to change specification without notice.

Other Purite Solutions

Laboratory



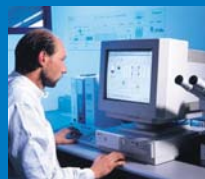
A range of models for laboratory use, to economically produce all types of purified water, including ultrapure water to a wide range of quality and volume requirements.

Systems



For larger applications, Purite can design, install and project manage bespoke solutions for a variety of flows and water quality requirements.

Service



A range of preventative maintenance contracts covering all Purite and OEM equipment is available.

Exchange



This simple to manage solution produces pure water in easy to dispense volumes.

