

# ANALYTICA

Water Purification System



## ANALYTICA Water Purification System

ANALYTICA is a laboratory and clinical analyser water purification system.

It is the ideal water purification system for small to large capacity clinical analyser machines or general laboratory use, requiring reagent grade purified water.

The ANALYTICA Series is designed to use standard water filtration products of the highest quality, all readily available throughout the world.

The system is fully designed and manufactured in Australia.



### A COMPLETE SYSTEM

Great care has gone into the design of this system to enable filter changing and servicing to be as simple and economical as possible, whilst maintaining the highest standard of purity attainable.

### Product Features

- **Construction** - Solid 3mm Aluminium frame and powder coated for long life. (Wall mounted only)
- **Pretreatment** - 3 stages
  - 2 stages of micron particulate matter filtration
  - 1 stage of activated carbon filtration
- **Final Filter** - 0.2µm disposable microporous membrane for removal of all particles and micro-organisms larger than 0.2µm. Integrity tested for quality assurance.
- **Ion Exchange Column** - Uses virgin high purity mixed bed resin and can be quickly and easily exchanged.
- **Sample Valve** - Post final filter sample point, and LCD of final water quality in MEG OHMS per cm resistivity.
- **Reverse Osmosis Membrane** - Accommodates one membrane for up to 80LPH capacity.
- **Running Costs** - Because standard size products are used, the cost of consumables is generally reduced compared to alternate systems which are 'locked in' to manufacturers supplies at a higher cost.

### Why Polyamide TFC Membranes?

- Highest water purity
- Rugged long life span
- Greater productivity
- Consistent performance
- FDA approved
- Proven usage in thousands of systems over more than a decade

#### Australia

1800 358 101  
sales.au@westlab.com  
www.westlab.com.au

#### Canada

1 877 822 1455  
sales.ca@westlab.com  
www.westlab.com

#### New Zealand

+64 9 553 3677  
sales.nz@westlab.com  
www.westlab.co.nz

#### United States

646 568 5391  
sales.us@westlab.com  
www.westlab.com

## Product Specifications

Construction	3mm Aluminium Multi-cam profiled & all powder coated	
Dimension	Wall Mount or Optional Floor Stand	
Height	880mm	
Width	1040mm	
Depth	Top - 335mm	Bottom - 250mm
Weight	60Kg	
Feed Water	Portable Tap water	
Min. Pressure	200Kpa	
Max. Pressure	700Kpa	
Temperature	1~45 degrees C maximum	
PH	2~11	
TDS	1000 ppm maximum	
Pre-treatment	3 Stage: micron/micron/activated carbon	
Reverse Osmosis	TFC High rejection	
Permeate Flow	20~80 lph (dependent on feedwater pressure)	
Quality	Up to 99% Salt rejection	
Drain Flow	100~180 lph	
Water Storage	35 Litre built in polyethylene RO tank (or optional floor standing 150 litre tank)	
Chlorine Tolerance	0.01 ppm Maximum free chlorine	
RO Polishing	High Purity - polishing, mixed bed, ion exchange resin	
Alarm	High Purity Water Quality	
Delivery Flow Rate	100~180 lph (depending on pump size)	
Quality	Type 1 reagent grade water (NCCLS specification)	
Display	Resistivity 0~18.2 Meg. OHM/cm	
Electrical Requirements	240 Volt AC - 6 Amp Maximum	



**Australia**  
1800 358 101  
sales.au@westlab.com  
www.westlab.com.au

**Canada**  
1 877 822 1455  
sales.ca@westlab.com  
www.westlab.com

**New Zealand**  
+64 9 553 3677  
sales.nz@westlab.com  
www.westlab.co.nz

**United States**  
646 568 5391  
sales.us@westlab.com  
www.westlab.com