

ProMinent® Beta® PROMIX-LB1000 Liquid Polymer Blending System

ProMinent®

Australian designed and manufactured.
The Liquid Polymer Blending System is a liquid polyelectrolyte preparation system for continuous production of a consistent quality polymer solution.

The polyelectrolyte is prepared by the injection of liquid polymer into a mixing chamber by the ProMinent Beta metering pump. Feed water is supplied to the mixing chamber by a flow controlled centrifugal pump. The metering pump is adjustable to achieve the required polymer dilution.

Self Contained

The unit is mounted on a polyethylene stand designed for easy installation and maintenance. Site installation requires only the connection of process water, liquid poly and a standard 3-pin 240-volt power outlet.

Wetting Assembly

The heart of the Liquid Polymer Blending System is the Australian designed & built mixing chamber incorporating a venturi which ensures the creation of long chain molecules and no unmixed polymer solution.

Flushing

After polymer make up is stopped a timer allows for the mixing chamber to be flushed with water.

System Capacity

Up to 1,000 l/h flow of a 1% solution, or 2,000 l/h flow of a 0.5% solution.



ProMinent® Liquid Polymer
Blending System

SPECIFICATION

Each system includes:

- 1 x Polyethylene Stand
- 1 x Water Transfer Pump
- 1 x ProMinent Beta Metering Pump
- 1 x Mixing Chamber
- 1 x Blending Pipe Work
- 1 x Control Panel

ProMinent Fluid Controls Pty Ltd

Head Office: Unit 4, 4 Narabang Way
BELROSE NSW 2085
(PO Box 85, BELROSE WEST NSW 2085)
Ph: (02) 9450 0995 Fx: (02) 9450 0996
Email: sales@prominentfluid.com.au

QLD Office: 1048-1054 Beaudesert Road
COOPERS PLAINS QLD 4108
Ph: (07) 3246 5200 Fx: (07) 3246 5225
Email: pfcqld@prominentfluid.com.au

VIC Office: Unit 2, 88 Star Crescent
Hallam VIC 3803
Ph: (03) 8795 7430 Fx: (03) 8795 7431
Email: pfcvic@prominentfluid.com.au

Distributors Throughout Australia & New Zealand

WA: Ph: (08) 9458 9555 Fx: (08) 9350 6192 TAS: Ph: (03) 6244 7575 Fx: (03) 6244 7576 NT: Ph: (08) 8947 1008 Fx: (08) 8947 1009
SA: Ph: (08) 8275 8000 NEW ZEALAND: Ph: (64) 9571 3131 Fx: (64) 9571 2002 Email: sales@pumpengineersb.co.nz

Ref: Liquid Polymer-16/09/02

ProMinent® Spectra® PROMIX-LS2000 Liquid Polymer Blending System

ProMinent®

Australian designed and manufactured. The Liquid Polymer Blending System is a liquid polyelectrolyte preparation system for continuous production of a consistent quality polymer solution.

The polyelectrolyte is prepared by the injection of liquid polymer into a mixing chamber by the ProMinent Spectra metering pump. Feed water is supplied to the mixing chamber by a flow controlled centrifugal pump. The metering pump is adjustable to achieve the required polymer dilution.

Self Contained

The unit is mounted on a polyethylene stand designed for easy installation and maintenance. Site installation requires only the connection of process water, liquid poly and a standard 3-pin 240-volt power outlet.

Wetting Assembly

The heart of the Liquid Polymer Blending System is the Australian designed & built mixing chamber incorporating a venturi which ensures the creation of long chain molecules and no unmixed polymer solution.

Flushing

After polymer make up is stopped a timer allows for the mixing chamber to be flushed with water.

System Capacity

Up to 2,000 l/h flow of a 1% solution. The Spectra progressive cavity pump is able to handle highly viscous polymers.



ProMinent® Liquid Polymer
Blending System

SPECIFICATION

Each system includes:

- 1 x Polyethylene Stand
- 1 x Water Transfer Pump
- 1 x Spectra Metering Pump
- 1 x Mixing Chamber
- 1 x Blending Pipe Work
- 1 x Control Panel

ProMinent Fluid Controls Pty Ltd

Head Office: Unit 4, 4 Narabang Way
BELROSE NSW 2085
(PO Box 85, BELROSE WEST NSW 2085)
Ph: (02) 9450 0995 Fx: (02) 9450 0996
Email: sales@prominentfluid.com.au

QLD Office: 1048-1054 Beaudesert Road
COOPERS PLAINS QLD 4108
Ph: (07) 3246 5200 Fx: (07) 3246 5225
Email: pfcqld@prominentfluid.com.au

VIC Office: Unit 2, 88 Star Crescent
Hallam VIC 3803
Ph: (03) 8795 7430 Fx: (03) 8795 7431
Email: pfcvic@prominentfluid.com.au

Distributors Throughout Australia & New Zealand

WA: Ph: (08) 9458 9555 Fx: (08) 9350 6192 TAS: Ph: (03) 6244 7575 Fx: (03) 6244 7576 NT: Ph: (08) 8947 1008 Fx: (08) 8947 1009
SA: Ph: (08) 8275 8000 NEW ZEALAND: Ph: (64) 9571 3131 Fx: (64) 9571 2002 Email: sales@pumpengineersb.co.nz