



Email : sales@laboratoryinstrumentindia.com

Product Name :
Reverse Osmosis Ultrafiltration Unit

Product Code :
LBNY-0005-10700055



Description :

This is fully self-contained in a mobile cabinet. Connection to cooling water and a suitable electrical supply is all that is required for normal operation. Comprehensive instrumentation is provided with digital meters displaying temperatures and system pressure. In addition to the membrane module, the cabinet also houses feed and permeate tanks, a plate heat exchanger and positive displacement pumps.

It uses a membrane module which accommodates all PCI membrane types. The unit is supplied with a pack of both R.O. membranes and U.F. membranes.

The RO/UF unit has an efficient clean-in-place facility and is easily dismantled for servicing or maintenance.

All parts in contact with the process fluid are constructed from hygienic design materials such as stainless steel, PTFE and silicone rubber.

The filtration membranes differ only in length and quantity from those installed in the full-scale plant. Using small quantities of process fluid, operating parameters can be established and then optimised to effect a confident transition to full-scale.

Membranes can be installed or removed rapidly for use in either process.

Technical Specification :

Permeate Tank Capacity: 15 litres

Feed Tank Capacity: 15 litres

Pressures: Variable up to 55 bar

Flowrates: 30, 18, 15 and 9l/m

Tubeside Volume: 75ml

Typical Permeate Flow: 5-50ml/min

Diameter: 1.25cm

Area: 0.024m².



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