

# **Osmosis and nanofiltration**

Référence : ONF/2000



## Implementation of two methods for membrane filtration

Industrial membrane type spiral:

Compact with big filtration surface area

#### **GENERAL SPECIFICATIONS**

- 200 L graduated tank.
- SS multi-stage centrifugal pump, 20 bar.
- Nanofiltration module: carter in resin and glass fiber, spiral polymer membrane.
- Reverse osmosis module: carter in resin and glass fiber, spiral polymer membrane.
- Permeate circuit and retentate circuit.

#### Instrumentation

- 3 manometers.
- 3 PVC flowmeters.

- Combined probes (conductivity and temperature) with electronic indication.
- SS flowmeter magnetic transmitter.

**Dim** : 285 x 100 x 190 cm – 250 kg SS tubular framework 40 x 40mm

Categories: Educational Engineering Environment Reverse osmosis

Reference: ONF/2000

# DESCRIPTION

#### Study of the characteristics of membranes

Research of osmotic water

### Study of the two methods for a NaCl solution

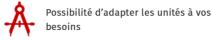
Research of the evolution of the overall retention of the modules depending on pressure

filtration and the initial concentration of the salt solution

Evolution of the rate of conversion of the membranes



Unités livrés avec un manuel pédagogique et dossier technique



os

Mise en service, formation des formateurs

Pignat SAS - 6, Rue Calmette - BP 11 - 69741 Genas Cedex - France - Email : pignat@pignat.com Tél : (33) 04 78 90 50 03 - Fax : (33) 04 78 90 63 88 - SAS au capital de 158 472 € - Code APE 333Z - RC Lyon B 966 504 904