Product name:	Product code:
ION Exchange	CIVIL-MAS-178-0001

Description

ION Exchange

Technical specification

The set up consists of two glass column packed with Anion and Cat ion exchanger resin up to suitable height. The layer of the glass wool is placed on top of the resin bed. The feed is allowed to enter from the bottom of the first column and comes out of the top, which is again passed through the second column in the same fashion. A digital conductivity meter measures the conductivity of liquid coming out of the second column. Flow rate of water is measured with the pre-calibrated Rotameter. A tank with FHP pump with flow control valve and by pass arrangement is provided for feed circulation
Experiment:
To de ionize water to make it soft and to determine the exchange rate and saturation point

Feature:
Superb Painted structure
Simple to operate & maintain
Compact & stand alone set up

Utilities Required:
Compressed Air Supply at 2 Bar, 4 CFM
Water supply & Drain
Electricity Supply: 1 Phase, 220 V AC, 0.5 kW

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