

## DEM'O DEMINERALIZED WATER PRODUCTION STATION FOR RESEARCH

DEM'O 3



DEM'O 5



DEM'O 4



DEM'O

### Advantages

- Produces demineralized water at low cost
- Works without electricity
- Easy to change the columns (tool provided)
- Columns change color when they become saturated.
- Portable device
- Avoids handling of containers (MSD)
- Low environmental impact

### Description

The DEM'O stations feature a column with a mixed bed of type R resins, used in research, and type TOC columns, with resins that reduce total organic carbon (TOC). DEM'O stations produce demineralized water without CO<sub>2</sub>, silicates, nitrates, phosphates and other minerals. This water is intended for the research and medical pharmaceutical sectors.

The station is delivered ready to use and includes a pressure reducer and a quick coupling kit for an easy and convenient connection to the water supply. Other accessories such as a shut-off valve, a flow control valve and a 4-meter hose are included. The station can be used in three different ways: wall-mounted, on a bench or on a cart for easy transport.

## Properties

- **Structure:** Styrene / Divinylbenzene copolymer functionalized by trimethylamine (hydroxide form)
- **Chemical resistance :**  
INSOLUBLE in acids, diluted bases and standard solvents
- **Color change of the second to last column :**  
New **BLUE**, saturated **OCRE**

## Characteristics

- **Conductivity:** 0.3 to 2  $\mu\text{S}/\text{cm}$
- **Saturation:** color indication on the second to last column of the station.
- **Maximum pressure:** 4 bar at room temperature
- **Flow rate:** up to 150 liters/hour
- **Working temperature:** 10-25°C
- **Storage:** 2 years, in its original condition, at room temperature

	Size	Weight
<b>DEM'O 3</b>	23x60 cm	6 kg
<b>DEM'O 4</b>	31x60 cm	7 kg
<b>DEM'O 5</b>	40x60 cm	8 kg

## Performance at 25°F



286 liters



420 liters



570 liters

### Replacement column kits:

- KC+3 for the DEM'O 3 station
- KC+4 for the DEM'O 4 station
- KC+5 for the DEM'O 5 station

At saturation, all the columns of the must be replaced.