



## TECHNICAL DATE SHEET

# Station of production of purified water OPUR

Updated November 2013

## Characteristics

- **Conductivity** : 0.3 à 1  $\mu\text{S}/\text{cm}$
- **Capacity at 25°F**: 420 litres
- **Saturation**: coloured indicator on middle columns.
- **Maximum pressure**: 4 bar at ambient temperature.
- **Flow rate**: until 60 litres/hour.
- **Temperature of use**: 10-35°C
- **Preservation**: 2 years, in tis origin packaging, at ambient temperature.
- **Dimensions**: 31x60 cm
- **Weight**: 7 kg

## Description

The OPUR station produces very pure water at a reasonable cost.

The device is portable and can simply be placed but it can also be wall mounted or on a cart to make it nomadic.

- Delivered assembled and ready to use, with connections, 4 meter hose, shutoff valve, flow control valve, pressure reducer and quick coupler to tap.
- Operates without electricity.
- Saturation by visible discoloration of the two central columns.
- Easy change of columns (tool included)

## Composition

- Aluminium frame with carrying handle.
- 1 activated Carbon column for removing chlorine, micropollutants, hydrocarbons, oxidation by-products, detergents.
- 2 ion exchangers producing deionised water of high purity, changing colour at saturation.
- 1 ion exchanger designed for the final treatment. Its produces ultra-pure water with a residual content of total organic carbon (TOC) less than 5 ppb.
- 1 sterilised filter removing bacteria to 0.2 microns. Suitable for the production of sterile water.

## Properties

### Chemical resistance:

INSOLUBLE in acids, diluted bases and usual solvents.

### Color change of the penultimate column:

New **BLEU**, saturated **OCHRE**

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

Kit of spare columns: **KEL**

### Sterilisation of the final filter

Sterilised 30 min. at 120 ° C or 10 min. at 134 ° C is sufficient to stop the development of all vegetative organisms. This sterilisation should be even more common that the system is lightly used.

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