



## TECHNICAL DATA SHEET

Station of production

## Characteristics

- **Conductivity** : < 1 µS/cm
- **pH** (at 20°F): 5.5 to 7
- **Saturation**: coloured indicator on R2 ion exchangers.
- **Maximum pressure**: 3 bar at ambient temperature (2.5 bar recommended).
- **Flow rate**: until 30 litres/hour.
- **Temperature of use** : 25°C
- **Preservation**: 2 years, in its origin packaging, at ambient temperature.
- **Dimensions** : 63x17x17 cm
- **Weight** : 6 kg

## Description

The PUROKIT mobile station provides high purity water at the place of use.

- Delivered assembled and ready to use, with quick coupling kit to tap.
- Operates without electricity.
- Saturation visible by discoloration of R2 columns.
- Easy columns change by unscrewing nuts.

## Composition

- Aluminium frame.
- 1 ORC activated Carbon column for removing chlorine, micro pollutants, hydrocarbons, oxidation by-products, detergents.
- 2 R2 ion exchangers producing deionised water of high purity, changing colour at saturation (+ 1 R2 for replacement).
- 1 TOC 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 FLF 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.

### R2 Colour change :

New **BLUE**, saturated **OCHRE**

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

Kit of spare columns: **K.REN**

It consists of 1 ORC, 3 R2, 1 TOC and a cleaning kit. The FLF filter will be sterilised periodically.

### 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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