

UPW REFINER *eco*

APPARATUS FOR THE PRODUCTION OF ULTRA PURE WATER - GRADE 1

Obtained by means of a treatment chip in the storage container



QUALITY STANDARD

- ↗ ISO 3696
- ↗ ASTM
- ↗ NCCLS
- ↗ EP/USP

grade 1
Type I
Type I
conform

ELECTRIC SPEC. RESISTIVITY.25°C

18,2 MOhm.cm

UPW REFINER *eco*

A simple and reliable device to produce grade 1 ultra pure water

UPW REFINER eco has been designed for all those analysis laboratories that need not excessively large volumes of ultrapure water (up to 2 liters). This water can be prepared directly in the storage container, which can be either the bottle with emery cap supplied, or normal flasks with normalized mouth 29-32, with a maximum capacity of up to 2 liters.

To start the purification chip is very simple: just fill the bottle with demineralized water (minimum grade 3 according to ISO 3696, produced by a reverse osmosis system and resins or by distillation) and press the start button on the front panel.

When the quality obtained is satisfactory, the green resistivity indicator light turns on and the treatment is finished.



Ultra pure grade 1 water production through 2 types of purification

- Purification with ion exchange resins for ultrapures applications
- Foto oxidation with UV ray

Ease of operation and reserve protected from pollution that can be easily stored

UPW REFINER eco is very simple to use: just press the start button, the yellow light of the purification chip turns on and you just have to wait for the water quality to reach the desired quality.

Moreover, thanks to the normalized connection cone, it offers the possibility of storing the water produced, without fear of pollution derived from the external environment.

TAB 1 - Technical features

- maximal production for processing cycle	Lt/h 0,5 (according to the quality of origin)
- precision resistivimeter	0,1 MOhm.cm
- range of temperature water to be treated	°C 5-35
- electric power supply	V-AC 220-24 AC

TAB 2 - Requirements of Water feed

- Electrical Spec. Conductivity at 25°C	max 5 microS/cm
- HD	max 0,1 °F
- chlor	max 0,1 ppm
- Total Bacteria	max 5 UFC/ml
- SDI	< 5

TAB 3 - Specifications of Quality Water Product

Electric Spec. Resistivity at 25°C	18,2 MOHM.cm
TOC	< 10 ppb
Total Bacteria	< 1UFC/ml
PH	neutral at origin