

Micromatic

THE "DISTILLER" OF THE XXI CENTURY

Wasserlab
Sistemas de purificación de agua

MICROMATIC
TYPE II. ANALYTICAL GRADE WATER

Micromatic: Purifies tap water to Type II Analytical Grade Water* for general laboratory use

The purification is permanently monitored by a **Microprocessor** that controls the entire process and informs the user through a 3- inch digital display of:

- The quality of the final water produced (continuous monitoring).
- State of the device at any time (in production, full tank...).
- When consumable change is needed.



TYPE II WATER MONITORING

SIMPLICITY OF OPERATION

Very easy to install.

Quick and easy maintenance, no tools required.

Maximum comfort, without regular cleaning with acids.

Economic: lower cost per litre of water produced.

Robust: no more broken glass.

Ecological: significant savings in natural resources such as electricity and water.



Equipment	Power consumption/ Litre purified water (watt)	Litres of drinking water consumed / litre purified water	Water quality produced (µS/cm)
Conventional distiller	750 - 1.000	20 - 30	2 - 3
Micromatic	5 - 20	3 - 4	< 1

The equipment is delivered calibrated from factory (SGC ISO9001).

At the request of the client, subsequent calibrations can be carried out following a calibration pattern according to international standards.

Specifications

Production flow	2,5 l/h
Conductivity	< 1 µS/cm
Silica removal	>99,9 %
Reverse osmosis efficiency	95 - 99%
Equipment dimensions	45 cm (height) 25 cm (width) 40 cm (depth)
Weight in operation	9 Kg

Feed water requirements

Maximum pressure	6 bar
Minimum pressure	3 bar
Temperature	5°C - 35°C
Maximum hardness	360 ppm (CaCO ₃)
SDI (Silt Density Index)	<5
Conductivity	< 1.500 µS/cm
Free chlorine	< 2 ppm
Turbidity	< 1 NTU



*Norm ASTM D1193



EMC and SE tests were conducted by EMITEC