

# aquaTest-MO

Multiparameter Physical-Chemical and Organic Matter Equipment (Mod. P103)



**ADASA**

INNOVATIVE SOLUTIONS  
FOR WATER & ENVIRONMENT

The combination of these measurements provides the necessary information for diagnosing the origin and causes of alterations in the medium. It is very useful for assessing the water quality and the detection and characterisation of effluents, sewers and treatment plant operation.

## STRUCTURE

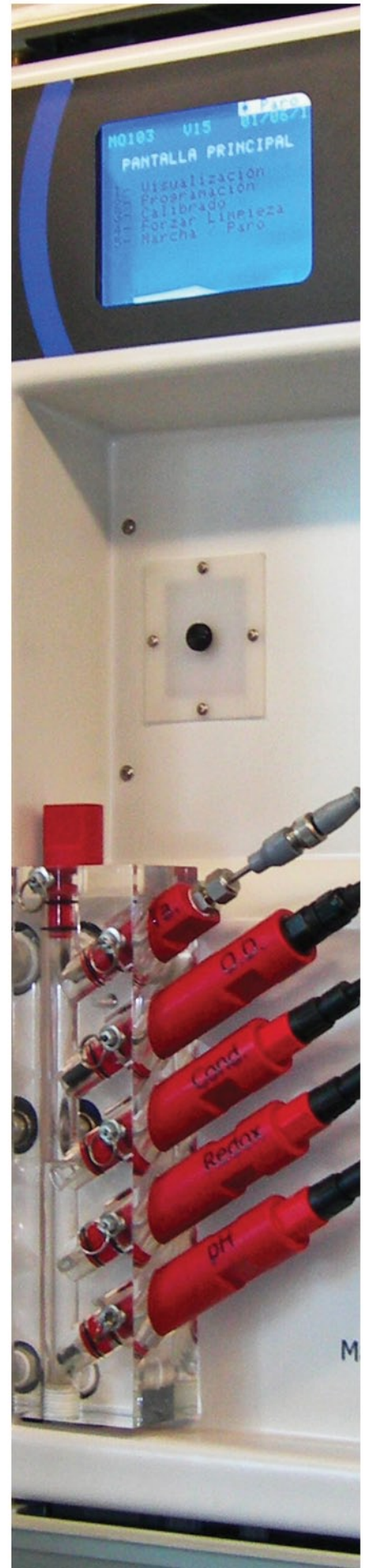
- System of measurement that consists of:
  - Multi-probe module: It includes probes for the temperature, pH, conductivity, redox and dissolved oxygen parameters.
  - Optical measurements module: It incorporates a unit that measures absorbance at 254 nm to determine organic matter and 860 nm to measure turbidity.
- Configurable automatic cleaning system that adapts to any type of water with a high level of efficiency, even in wastewater.
- Data monitoring, acquisition, storage and transmission system.

## OPERATION

aquaTest-MO continually takes measurements and the data recording intervals are configurable.

Cleaning cycles will be carried out periodically to guarantee the quality of the measurements and to extend the autonomy of the system.

The data can be gathered automatically in a control centre for analysis and use. At the same time, it performs a continuous analysis of the measurements and can trigger alarms in other equipment (aquaMostra) or systems.



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## NOTEWORTHY CHARACTERISTICS

- Measurement of physical-chemical and organic matter parameters.
- Automatic cleaning system that allows long periods of autonomy.
- Possible expansion of measurements.
- Organic matter, which can be correlated to BOD, COD and TOC.
- Flexible parameterisation.
- Unique unit based on LED technology.
- Capable of managing the capture system.



## CARACTERÍSTICAS GENERALES

**Power supply:** 110 - 230 VAC/50 -60 Hz

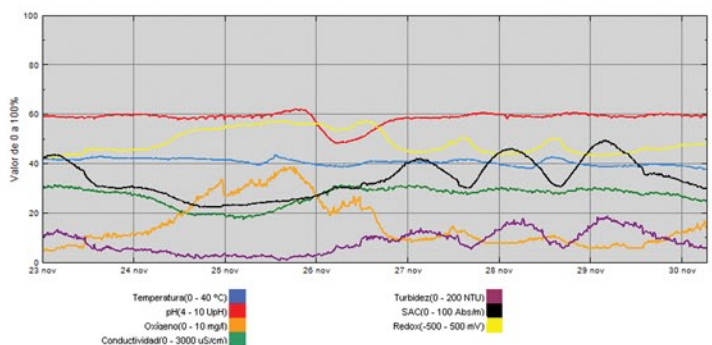
**Power:** 200 W max.

**Communications:** RS-232, RS-485.  
Options: GSM/GPRS modem, Ethernet, 4-20mA

<b>Probes:</b>	Temperature	0 ... 50°C
	pH	0 ... 14 uds pH
	Redox	-1000 ... +1000 mV
		-2500 ... +2500 mV
	Conductivity	0 ... 20 mS/cm
		0 ... 100 mS/cm
	Dissolved oxygen	0 ... 25 ppm O <sub>2</sub>
	Turbidity	0 ... 300 FAU
		0 ... 1000 FAU
	SAC(Organic matter)	0 ... 400 Abs/m
		0 ... 1300Abs/m

**Dimensions:** 750 x 500 x 420 mm

**Weight:** 45 kg



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Adasa reserves the right to modify the technical features.



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All ADASA products are designed and manufactured according to the highest standards of quality:

ISO 9001 Quality Management  
UNE 166002:2006 R&D and innovation Management  
ISO 14001 Environmental Management  
OHSAS 18001 Health and Safety