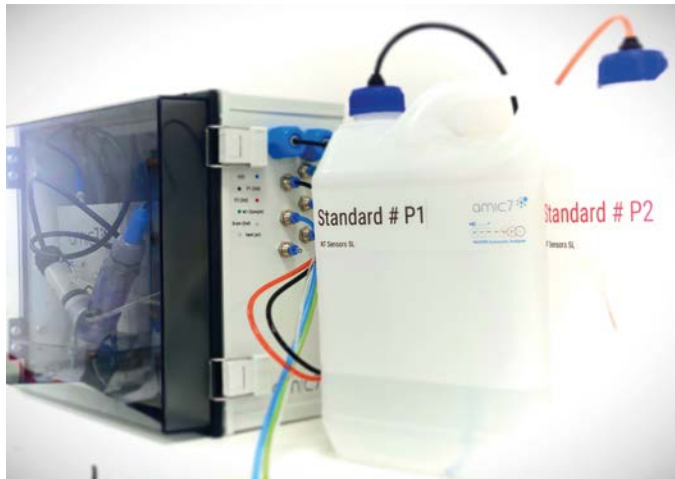


1 AUTOMATIC METER

AMIC7 is an **automatic multiple ion analyzer** for **on-line, real time analysis** of process water, waste water, hydroponic systems, algae reactors, irrigation systems, etc. **AMIC7** provides real time monitoring up to 8 parameters **simultaneously**.

8 UP TO IONS

Measurements are obtained by using **MultIION probe - IMACIMUS** technology. The equipment is up to eight-channel measurement, for different parameters. The analytical technique provides a **wide measurement range** (see specifications table for each ion) and allows eliminating cross interferences.



- The equipment is built on an IP66 box.
- Measurement cell. Automatic Calibration. Self Cleaning.
- Factory tested, ready for installation and operation.
- Accurate results, through individual sensors measurement.

Main features

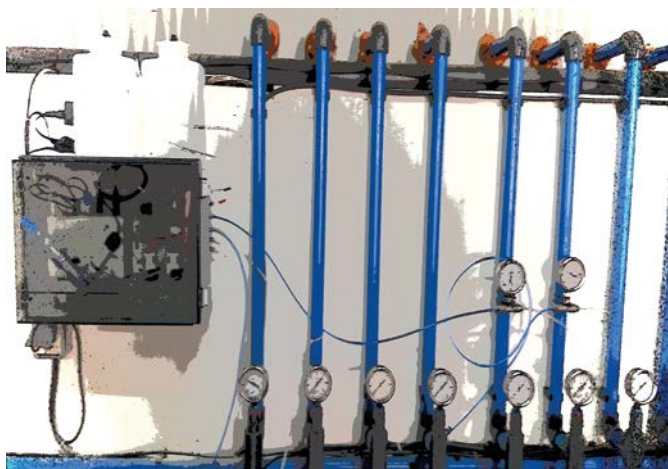
AMIC Multi Ion

AMIC Single Ion

Characteristics	AMIC Multi Ion	AMIC Single Ion
Output	Multiparametric - Up to 7 ION + pH Simultaneous Digital, USB	Single Parameter- 1 ION Digital USB; Analog 4-20mA
Operation	Automatic calibration, measurement and cleaning.	
Ambiental Conditions	5 - 40 °C max 95% relative humidity	
Dimensions	300 x 400 x 180 mm	
Sampling frequency	max 4 sample/hour	
Power supply	12V / 3A - 220V	
Consumption	3W for complete cycle	
Measurement type	Electrochemical Measurement	
Available electrodes	Ca ²⁺ /Cl ⁻ /K ⁺ /Na ⁺ /NH ₄ ⁺ /NO ₃ ⁻ /Mg ²⁺ /pH	
Min sample volume	~100mL	
Output	mg/L - ppm	
Measurement range	Measuring range: 1 to 10.000 mg/L	
Based technique	Ion selective electrodes	
Setup initial	Windows Software for programming required	

amic 7

Multiparameter analyser for ion concentration. Automatic meter.



DIRECT MEASUREMENT

Not sample pre-treatment necessary, not interfered by sample colour or turbidity.

EASY INSTALLATION

The enclosure allows wall-mount or benchtop installation.

EASY TO USE

Software provided for configuration cycles. Easy operation. Sample intake for atmospheric pressure.

MULTIPARAMETER

Eligible for Ca^{2+} , Cl^- , K^+ , Na^+ , NH_4^+ , NO_3^- , Mg^{2+} and pH. Output in *Excel files, or through Digital communication. Single parameter analyser, optional 4-20mA communication.



Applications



HYDROPONIC IRRIGATION



AGRICULTURE



ENVIRONMENTAL



SEWAGE COLLECTION



TREATMENT INTAKES



DENITRIFICATION PROCESS



WASTE WATER

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