



MORE THAN 10 YEARS PROVIDING
LAB-IN-YOUR-HAND INSTRUMENTATION



NTsensors 

NT Sensors, experts on providing analytical solutions for the agriculture industry. In-house research, design and manufacturing. Imacimus Series Product line has been developed for the hydroponic, aquaponic and greenhouse growing industries.



IMACIMUS SERIES AGRO



IMACIMUS Series is the line-up of **meters** for nutrient and water quality that allow for a rapid, easy, and **simultaneous measurement of eight parameters** in any type of solutions. From soil extracts, hydroponics, irrigation water and sap extracts, to diluted fertilizer solutions, wine, and so on for **precision agriculture** management.

Different meters available to cover the parameter requirements that need to be observed. User can select the **nutrients/ions** to be analyzed. All kits include all that is necessary to perform the **analysis**, using a Windows software to acquire and editing sample output.



Simultaneous calibration and measurement up to 7 nutrients + pH

The **imacimus** line up allows to simultaneous determine all the ions that you require. Just one single calibration for all 7 Ions, afterwards measurement for 7 ions + pH at one minute per sample. No reagents required. Accurate, robust and suitable for both work at field or at office.

Application of **simultaneous Multi Ion measurement**, for different fields hydroponic, aquaponic and greenhouse. Nutrient control, research, hydroponics, aquaculture, water quality analysis, environmental science.

imacimus 5

4 nutrients + pH

imacimus 10

7 nutrients + pH + EC* + Water Hardness

Characteristics

Channels	5, 8
Measuring range	1 to >10.000 mg/L
Resolution	0.01 pH / de 0 a 1.0ppm : 0.1ppm de 0 a 9999ppm : 1ppm
Minimum sample Units	10ml mmol/L or mg/L

- Simultaneous ion calibration
- Multi Ion Standards
- *In situ* measurements
- Quick and reliable data
- Data in *csv or Excel files
- Acquisition time 1 min

Includes

- Multi ION Probe for individual sensors:
- up 4 / 7 sensors
- pH Probe
- Multiparametric meter
- Multi ION Standards
- Free Software for Windows
- Carry case + Calibration case

imacimus
5, 10 KIT



MULTI ION PROBE

Multi ION Head / Probe for up to 7 Electrodes.

Innovative concept for ION Selective Electrode handling Multiple holder for using several ions as one handy probe. Customize your own probe, multiple electrodes in a small 25mm outer diameter probe.

1 PROBE FOR 7 PARAMETERS



"Replace and upgrade your multiprobe with available sensors list"

Description

Diameter	25 mm
Lenght	150 mm
Connector	USB 3.0
Cable	1m length

Use with:

Available and customizable for different electrodes.

Works with a Standard Reference Electrode.
For use Imacimus Series

ELECTRODE CONSUMABLES

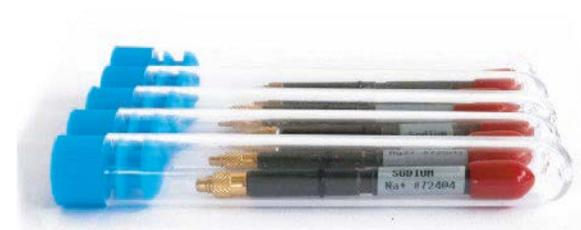


Imacimus meters have individual electrodes for each parameter to be determined. All-solid-state selective electrodes based on Carbon Nanotube Technology. No maintenance, dry storage, and easy replaced by a new unit.

Electrodes are a consumable part of the meter, and just with 2 sec you can upgrade or replace your instrument. Choose up to seven items to measure simultaneously among the selected list!

Measurement Range

Parameter	ION	mg/L	mmol/L	ORDER CODE
Calcium	Ca ²⁺	0,4 a 4.000	0,01 a 100	MA40
Chloride	Cl ⁻	1,5 a 35.000	0,05 a 1.000	MA35
Potassium	K ⁺	0,4 a 39.000	0,01 a 100	MA39
Nitrate	NO ₃ ⁻	0,6 a 30.000	0,01 a 500	MA62
Magnesium	Mg ²⁺	2,4 a 2.400	0,1 a 100	MA24
Sodium	Na ⁺	2,3 a 23.000	0,1 a 1.000	MA23
Ammonium	NH ₄ ⁺	0,2 a 9.000	0,01 a 500	MA18
pH	pH	0 a 14		MA01



Accessories

Tweezers Tweezers for replacing sensors

Code

MA-P001

STANDARD SOLUTIONS

Multi ION Standards are designed to simultaneously calibrate up to 7 parameters within the use of IMACIMUS meters. Standard medium range
As a function of the typology of your sample matrix, you can require to choose additional Standard Multi ION solutions, considering your expected target sample concentration.

Our technical department can formulate specific and customized calibration range, please contact us for further information.

Please also consult all available Single ion standards, for individual calibration from single salts.

Related to	Description	Code
Standard	Calibration Solution, ref: HP08 P1,P2,P3 (3x250mL)	HP08-250
	Calibration Solution , ref: HP08 P1,P2,P3 (3x500mL)	HP08-500
	Conditioning Solution, ref: HP08 CON (1x250mL)	CON-HP08
Sap Extract	Calibration Solution ref: SAP P1,P2,P3 (3x250mL)	SAP-250
	Calibration Solution ref: SAP P1,P2,P3 (3x500mL)	SAP-500
	Conditioning Solution ref: SAP CON (1x250mL)	CON-SAP
pH	pH 4 (1x250mL)	CAL-PH4
	pH 7 (1x250mL)	CAL-PH7
	Conditioning Solution for pH electrodes, 1x125mL	CON -PH



Accessories		Code
Flask	6 extra flask/reservoir for calibration/sampling 40mL	IC-FRASK



IMACIMUS SERIES

K-VI

The K-Vi analysis system allows the **direct measurement** of the **exact concentration** of **potassium**, thus giving rise to rapid analysis and greater reliability. K-Vi is based on the **selective electrode** potentiometric technique, simple and effective, capable of performing analysis in a few seconds simply with a quick calibration, such as pH measurement.

Potassium analyzer for oenology applications

Characteristics

Channels	2
Measuring range	0 to > 5 g/L
Resolution	0,01 pH / 0,1 g/L

- Individual calibration up to 2 points
- GLP
- Specific Standards for Potassium in wine
- Online mV or Concentration monitoring
- Data in *csv or Excel files

Includes

- Single ION Probe
Potassium Electrode included
- Multiparametric meter
- pH/ref electrode
- Standards
- Free Software for Windows
- * *Optional electrodes holder*

K-VI KIT



ACCESSORIES



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