

# IMMA CIMUS PACK : 7 Ions + pH

*Nanotechnology Sensors*

This revolutionary technology based on carbon nanotubes hugely simplifies the potentiometric measurements. Simultaneous measurement & calibration of several ions is possible and as fast & simple as a pH or conductivity reading



WATER KITS SUPPLY  
Téléport 5  
65290 Juillan - France  
Tel : +33(0)5 62 95 17 94  
email : [contact@water-kits.fr](mailto:contact@water-kits.fr)  
Web : [www.water-kits.fr](http://www.water-kits.fr)



# IMA CIMUS : 7 ions + pH



Ion meter box

modular probe

pH & reference probe

Software



Modular probe : up to 7 ions



Connexion sur Tablette en poste fixe



Connexion sur PC



Easy onsite measurement on your tablet or laptop with the handy calibration field case supplied in the pack

IMA CIMUS PACK



## MiniSensors available for :

Chloride Cl<sup>-</sup>, Calcium Ca<sup>2+</sup>, Magnesium Mg<sup>2+</sup>, Nitrate NO<sub>3</sub><sup>-</sup>, Ammonium NH<sub>4</sub><sup>+</sup>, Potassium K<sup>+</sup>, Silver Ag<sup>+</sup>, Sodium Na<sup>+</sup>, Cyanide CN<sup>-</sup>, Bromide Br<sup>-</sup>, Fluoride F<sup>-</sup>, Copper Cu<sup>2+</sup>, Iodide I<sup>-</sup>, Lithium Li<sup>+</sup>, Sulfide S<sub>2</sub><sup>-</sup>, Perchlorate ClO<sub>4</sub><sup>-</sup> ...

- ✓ Nanotube carbon based MiniSensor robust, without maintenance, dry storage, easy to replace
- ✓ The MiniSensor clips into the head of the modular probe: up to 7 MiniSensors can be inserted.
- ✓ Ion Meter box for connexion to : - 1) the modular probe - 2) to the pH electrode (which acts as well as the référence electrode) and - 3) to your computer or tablet by USB.
- ✓ Windows software with intuitive multilingual guide step by step (for use with your PC or tablet via USB)
- ✓ Simultaneous calibration of all the ions with the 3 same global standard solutions (P1, P2 and P3)
- ✓ No addition of ionic adjustment solution ISAB
- ✓ Fast simultaneous measurement of all ions in less than 60s
- ✓ Conditioning + 2) Calibration + 3) Reading < 1 mn
- ✓ Results exportable to Excel - Power supply (USB 5V)
- ✓ No filtration or dilution, no interference with solids, turbidity or color - Measurement of an ion and pH reading in addition
- ✓ Manufactured in Europe

**The software automatically calculates the total hardness TH (Calcium + magnesium) when the electrodes 2 & Ca 2+ Mg 2+ are inserted. The results are expressed by the software either in degrees German , French degrees ppm ... to the user's choice**



TO ORDER :

**iMa\_CIMUS-7 : Starter Pack with Ion Meter, Software, USB cable, Modular probe (without Minisensor), Calibration field case (without reagents) & without pH probe**

- MD040 : MiniSensor Calcium Ca<sup>2+</sup>
- MD024 : MiniSensor Magnesium Mg<sup>2+</sup>
- MD1035 : MiniSensor Chloride Cl<sup>-</sup>
- MD1039 : MiniSensor Potassium K<sup>+</sup>
- MD023 : MiniSensor Sodium Na<sup>2+</sup>
- MD018 : MiniSensor Ammonium NH<sub>4</sub><sup>+</sup>
- MD062 : MiniSensor Nitrate NO<sub>3</sub><sup>-</sup>
- MD007 : MiniSensor Lithium Li<sup>+</sup>
- MD046 : MiniSensor Nitrite NO<sub>2</sub><sup>-</sup>
- MD063 : MiniSensor Copper Cu<sup>2+</sup>
- MD019 : MiniSensor Fluoride F<sup>-</sup>
- MD099 : MiniSensor Perchlorate ClO<sub>4</sub><sup>-</sup>



**TOTAL HARDNESS & CHLORIDE PACK :** Code : iMa\_CIMUS-7 - THCL-  
Complete with Ion Meter , Software, USB Cable , modular probe  
with Ca<sup>2+</sup>,Mg<sup>2+</sup> and Cl<sup>-</sup> Minisensors, Calibration field case with calibration standards  
& Conditioning solution, pH probe & buffers

*(To be completed with another MiniSensor to have an additional ion because the calibration and conditioning solutions are global to all ions)*

- 9-1-30 4 1 . 0 : Calibration Standard Multi ION P1, P2, P3 (3 x 250mls)
- 9-4-3402 : Conditionning Solution Multi ION 1 x 250mls
- 9-1-3041.1 : Calibration Standard Multi ION P1 (en 250mls)
- 9-1-3041.2 : Calibration Standard Multi ION P2 (en 250mls)
- 9-1-3041.3 : Calibration Standard Multi ION P3 (en 250mls)
- 9-1-3051.0 : Calibration Standard Multi ION P1, P2, P3 (3 x 500mls)
- 9-1-3051.1 : Calibration Standard Multi ION P1 (en 500mls)
- 9-1-3051.2 : Calibration Standard Multi ION P2 (en 500mls)
- 9-1-3051.3 : Calibration Standard Multi ION P3 (en 500mls)
- 51100033 : Calibration Standard pH 4 (en 250ml) special bottle
- 51100043 : Calibration Standard pH 7 (en 250ml) special bottle
- 51100063 : Calibration Standard pH 10 (en 250ml) special bottle
- 3220503 : pH & reference electrode Epoxy body BNC plug 1m cable



**WATER KITS SUPPLY**  
Téléport 5  
65290 Juillan - France  
Tel : +33(0)5 62 95 17 94  
email : [contact@water-kits.fr](mailto:contact@water-kits.fr)  
Web : [www.water-kits.fr](http://www.water-kits.fr)



# ESILAB PACK : 1 Ion + pH

## *Nanotechnology Sensors*



WATER KITS SUPPLY  
Téléport 5  
65290 Juillan - France  
Tel : +33(0)5 62 95 17 94  
email : [contact@water-kits.fr](mailto:contact@water-kits.fr)  
Web : [www.water-kits.fr](http://www.water-kits.fr)

This revolutionary technology based on carbon nanotubes hugely simplifies the potentiometric measurements. Measurement & calibration of ions is now as fast & simple as a pH or conductivity reading

# ESILAB : 1 ion + pH



Software



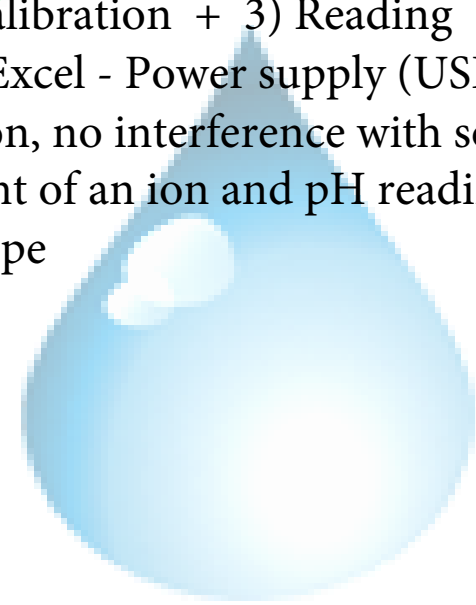
Electrode arm supplied starter pack



- ✓ Nanotube carbon based MiniSensor robust, without maintenance, dry storage, easy to replace
- ✓ The MiniSensor clips into the head of the modular probe
- ✓ Ion Meter box for connexion to : - 1) the modular probe -2) to the pH electrode (which acts as well as the reference electrode) and - 3) to your computer or tablet by USB.
- ✓ Windows software with intuitive multilingual guide step by step (for use with your PC or tablet via USB)
- ✓ Calibration up to 5 points
- ✓ No addition of ionic adjustment solution ISAB
- ✓ Fast measurement of an ion in less than 60s
- ✓ Conditioning + 2) Calibration + 3) Reading < 1 mn
- ✓ Results exportable to Excel - Power supply (USB 5V)
- ✓ No filtration or dilution, no interference with solids, turbidity or color - Measurement of an ion and pH reading in addition
- ✓ Manufactured in Europe

## MiniSensors available for :

Chloride Cl<sup>-</sup>, Calcium Ca<sup>2+</sup>, Magnesium Mg<sup>2+</sup>, Nitrate NO<sub>3</sub><sup>-</sup>, Ammonium NH<sub>4</sub><sup>+</sup>, Potassium K<sup>+</sup>, Silver Ag<sup>+</sup>, Sodium Na<sup>+</sup>, Cyanide CN<sup>-</sup>, Bromide Br<sup>-</sup>, Fluoride F<sup>-</sup>, Copper Cu<sup>2+</sup>, Iodide I<sup>-</sup>, Lithium Li<sup>+</sup>, Sulfide S<sup>2-</sup>, Perchlorate ClO<sub>4</sub><sup>-</sup> ...

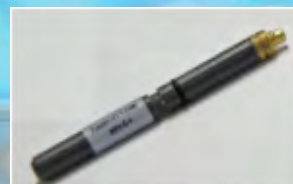




Pour Commander :

**ESILAB: Starter Pack with Ion Meter , Software, USB cable, modular probe (without MiniSensor) and electrode arm (without reagents and without pH probe)**

- MD040** : *MiniSensor Calcium Ca<sup>2+</sup>*
- MD024** : *MiniSensor Magnesium Mg<sup>2+</sup>*
- MD1035** : *Mini Sensor Chloride Cl<sup>-</sup>*
- MD1039** : *MiniSensor Potassium K<sup>+</sup>*
- MD023** : *MiniSensor Sodium Na<sup>2+</sup>*
- MD018** : *MiniSensor Ammonium NH<sub>4</sub><sup>+</sup>*
- MD062** : *MiniSensor Nitrate NO<sub>3</sub><sup>-</sup>*
- MD007** : *MiniSensor Lithium Li<sup>+</sup>*
- MD046** : *MiniSensor Nitrite NO<sub>2</sub><sup>-</sup>*
- MD063** : *MiniSensor Copper Cu<sup>2+</sup>*
- MD019** : *MiniSensor Fluoride*
- F- MD099** : *MiniSensor Perchlorate ClO<sub>4</sub><sup>-</sup>*



**Complete Packs** : with Ion Meter , Software, USB cable, modular probe with minisensor, electrode arm, calibration standards & Conditionning solution, pH /reference probe & buffers

ESILAB **Chloride Complete pack** : ref : ESILAB CL

ESILAB **Potassium in Wine Complete pack** : ref: ESILAB KVI

**9-4-042 X** : *Conditionning Solution 250mls for Ion X (to precise when ordering X =...)*

**9-1-3041.0 X** : *Calibration standard Solutions for Ion X 2 x 250mls (to precise when ordering X =...)*

- 51100033** : *Calibration Standard pH 4 (en 250ml) special bottle*
- 51100043** : *Calibration Standard pH 7 (en 250ml) special bottle*
- 51100063** : *Calibration Standard pH 10 (en 250ml) special bottle*
- 3220503** : *pH and reference electrode Epoxy body BNC plug 1m cable*



**WATER KITS SUPPLY**  
Téléport 5  
65290 Juillan - France  
Tel : +33(0)5 62 95 17 94  
mail : [contact@water-kits.fr](mailto:contact@water-kits.fr)  
Web : [www.water-kits.fr](http://www.water-kits.fr)