

iMETOS MobiLab

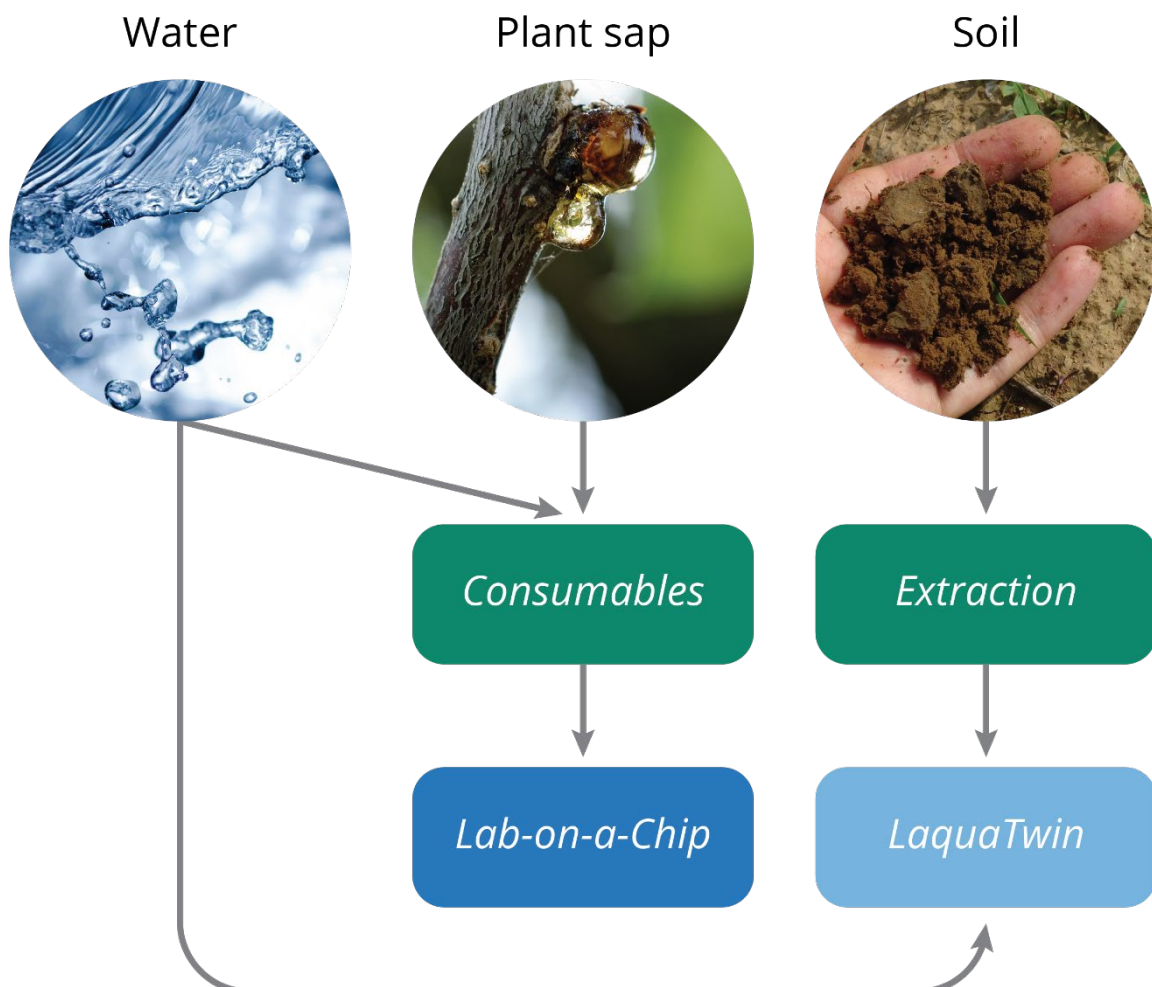


Set overview

1. iMETOS MobiLab

iMETOS MobiLab is the result of an intense development effort and features:

- Laboratory precision analysis for Total Nitrogen in soil [Nitrate NO₃ & Ammonia NH₄] from soil
- Other macro and meso nutrients from plant sap, waste water, irrigation water and so on
- Results available in minutes
- geo referencing of sample results via smartphone app
- Different samples can be measured on one ground-breaking chip
- Results are stored on web platform for future use
- Possible integration with precision farming systems



What do you need for soil measurements?



- The free **Sampling App** to link your sample with metadata (time and position)
- Prepare the samples on your own with the **soil extraction** kit and
- **consumables**
- The **iMetos MobiLab PC Software** for measurements and data storage
- Choose between several devices for measurement:
 - **LAQUATwin Handheld Instrument** for fast Nitrate values
 - **Lab-On-A-Chip device** for exact Total Nitrogen [Nitrate & Ammonia] values
 - **LAQUATwin pH-meter** for fast pH values of your samples

What do you need for irrigation water / plant sap measurements?

- Take your water sample and document it in the **Sampling App**
- Choose between
 - **Laquatwin Handheld Instrument** for fast Nitrate values or
 - **Lab-On-A-Chip** for exact NO_3 , NH_4 values and other nutrients like SO_4 , Cl, Na, Ca, Mg together with **consumables**
 - **Laquatwin pH-meter** to measure the pH value of your water sample

2. Single parts

Order ID**Set name**

IM-MOBILAB-AQNI

iMETOS MobiLab LaquaTwin NO₃ SENSOR**Content**

1 Horiba LAQUAtwin Handheld Instrument for nitrate

Software: iMetos Mobilab Windows App and Soil Sampling App for Android

Description

With the single LAQUAtwin Handheld NO₃ Instrument you will get a fast nitrate reading of your soil or liquid.

The set does not contain extraction utilities. For soil you need to bundle it with IM-MOBILAB-EXR

Order ID**Set name**

IM-MOBILAB-AQPH

iMETOS MobiLab LaquaTwin pH SENSOR**Content**

1 Horiba LAQUAtwin Handheld Instrument for pH readings

Software: iMetos Mobilab Windows App and Soil Sampling App for Android

Description

With the LAQUAtwin Handheld pH sensor you will get pH values from your soil or water sample.

The set does not contain extraction utilities. For soil you need to bundle it with IM-MOBILAB-EXR.

Order ID

Set name

IM-MOBILAB-LOAC

iMETOS MobiLab LAB-ON-A-CHIP total N device

Content

iMETOS Lab-on-a-chip device, Power supply, 3 pcs analytical chips, USB cable, Charger, Consumables for 100 samples

Software: iMETOS MobiLab PC Software and Soil Sampling analytical App

Description

With the Lab-on-a-chip device you will obtain exact results of your nitrogen (Nitrate and Ammonia, Nmin) from your soil, and many more nutrients from you plant sap and water samples.

The set does not contain extraction utilities. For soil you need to bundle it with IM-MOBILAB-EXR.

Order ID

Set name

IM-MOBILAB-CON

iMETOS MobiLab CONSUMABLES

Content

For 500 Samples: 2 pcs chips, 1 pc silicone grease, 20 pcs extraction tubes + caps, 500 vials + ISTD pads, 500 pipette tips, 2 pair of gloves, 2 pcs 5 ml syringe, 4 pcs blunt needles, 3 pcs funnels, 500 paper filter

Description

The consumable set is will replenish the ephemeral bits you need to run your Lab-On-A-Chip device

Order ID

Set name

IM-MOBILAB-EXR

iMETOS MobiLab SOIL EXTRACTION

Content

Bowl, sieve, weighing scale, shaker, power supply, USB Hub with battery, 10 pcs tubes + caps, 6 pcs funnels, paper filters

Software: IMetos Mobilab PC Software and Soil Sampling Analytical App

Description

With the Soil extraction set you have all tools necessary to prepare samples for your soil.

The set does not contain any measurement devices. Combine it with measurement devices in order to obtain data.

Order ID

Set name

IM-MOBILAB-CAS

iMETOS MobiLab SUITCASE

Content

Hard cover suitcase

Description

For those who want to have it elegant. The Suitcase organizes the bits and pieces of your Lab-On-A-Chip device, USB Hub, shaker and scale and allows to carry it somewhat more comfortably. It contains space for consumables as well.

3. Full set offers:

Order ID

Set name

LAQUATWIN-PACK **Soil extraction + iMETOS MobiLab LAQUAtwin NO₃ sensor**

Content

Special pack offer: IM-MOBILAB-EXR + IM-MOBILAB-AQNI

Description

Prepare your soil samples with the extraction utilities and measure them with LAQUAtwin for nitrate.

Complete solution for soil nitrate measurements.

Order ID

Set name

LAB-ON-A-CHIP-PACK **Soil extraction + iMETOS MobiLab Lab-on-a-chip sensor**

Content

Special Pack offer: IM-MOBILAB-EXR + IM-MOBILAB-LOAC

Description

Prepare your soil samples with the extraction utilities and measure them with the Lab-on-a-chip device. You will obtain nitrogen (nitrate and ammonia; Nmin) from your soil. Water and plant sap allow for additional values.

Complete solution for soil measurements.

Order ID

Set name

COMPLETE PACK

Soil extraction + iMETOS MobiLab Lab-on-a-chip sensor + iMETOS MobiLab LaquaTwin NO₃ sensor

Content

Special Pack offer: IM-MOBILAB-EXR + IM-MOBILAB-LOAC + IM-MOBILAB-AQNI

Description

Prepare your soil samples with the extraction utensils. With the Laquatwin Handheld Instrument you are able to get a fast overview of the Nitrate in soil and water, and with the Lab-on-a-chip device you are able to get exact results of your Total Nitrogen (Nitrate and Ammonia) in your soil, water or plant sap.

This is a full set to prepare soil samples and measure for a fast overview of Nitrate and also measure the exact values of your Total Nitrogen (Nitrate & Ammonia) in your soil, water or plant sap.

Contact us for any further questions! Get offers and advice for your very problem!



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