



METOS[®]

BY PESSL INSTRUMENTS

**Turning Information
Into Profits**

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Weather Monitoring & Forecasting

MONITOR ENVIRONMENTAL PARAMETERS

(precipitation, air temperature, leaf wetness, solar radiation, wind speed and more)

AND ENHANCE FIELD OPERATIONS PLANNING BASED ON WEATHER DATA.



Historical weather data is important to understand what happened in the past and how weather changed over time in a specific location. Future weather is important for planning and future activities. Having both insights helps optimise all activities in the field.

Weather Monitoring & Forecasting



**ON FIELD
OR FARM**

When to seed? When to irrigate? How much to irrigate? When to spray and how much? When is it necessary to protect crops from frost? Our solutions will help you make the right decision at the right time.

**Learn more about
our weather stations.**



bit.ly/3jsfSc7

**Read the
success stories.**



bit.ly/3ooY9a9

Soil Moisture



Soil - plant - atmosphere
monitoring



Data
interpretation



ACTION: When and
how much to irrigate



Automation

Soil Moisture

**PRODUCE
MORE WITH
LESS**

No crop will grow without water. The key, however, is determining when and how much water the plant actually needs.



**Download our
soil moisture brochure.**

bit.ly/METOS-soil-moisture

Disease Models



Sensors
in the field

+



Measurements

+



FieldClimate
add-on

=



Disease models

More than 80 disease models
for more than 40 crops.



Learn more about
our disease models
on our website.

metos.global/disease-models

Insect Monitoring

MONITOR INSECTS

All inhabitants of your field under full control.



We offer a combination of hardware and software solutions for remote monitoring of different agricultural and industrial insects.

COMBINE DATA



HIGH-RES CAMERA

The camera takes high-resolution pictures of the sticky plate within the iSCOUT. FieldClimate stores all the pictures and data about all the insects in your field.

iSCOUT

A perfect trap for remote insect monitoring

iSCOUT Pheromone for
pheromone specific insects
(e.g. Codling moth)

iSCOUT Fruit Fly for catching
fruit flies (e.g. Spotted wing drosophila)

iSCOUT Bug for various types
of bugs (e.g. Stink bug)

iSCOUT Color Trap with sticky plates of
different colors



**Learn more
about iSCOUT.**

metos.global/iscout

iSCOUT Mobile



Take a picture of any sticky board with your phone, and the caught insects are automatically counted and identified in the app.



Download iSCOUT Mobile on your device!



Yield Prediction

Helping you understand
the yield potential of your field.

HOW
DOES IT
WORK?

The newest module
provides an estimate of
crop yield at harvest
based on water availability.



Learn more
about Yield Prediction.

metos.global/yield-prediction

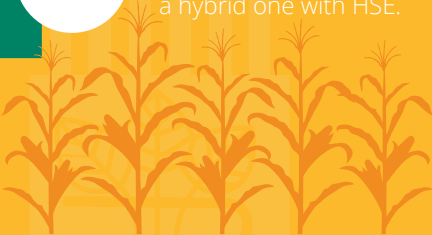
Hybrid Station Extension (HSE)

Pay less. Get more.



HSE

Turn any physical
METOS station into
a hybrid one with HSE.



Learn more about
Hybrid Station Extension (HSE).

metos.global/hybrid-station

Hybrid Station Extension (HSE)

With HSE, you get all of the following
virtual sensors:



- Air temperature
- Relative humidity
- Leaf wetness
- Precipitation
- Wind speed avg
- Wind speed gust
- Wind direction
- Global solar radiation
- Soil temperature



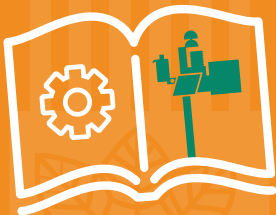
**Already own a METOS station?
Activate HSE now!**

orders@metos.at

Catalogues

NEW

Explore the full portfolio of hardware and software solutions under the METOS brand in our catalogues!



Technical Catalogue



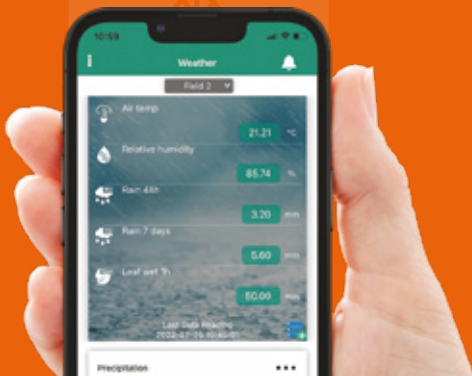
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Software Catalogue



bit.ly/SW-catalogue

FieldClimate Mobile App



Solutions Tailored To Your Goals And Needs

Get your weather station...



orders@metos.at

**...or try our virtual weather station with no
physical sensors free of charge for 1 month!***

Discount is applied automatically after adding to the cart.



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Activate Extra Features For Your Weather Station

Weather Forecast



bit.ly/3ZITAj8

Disease Models



bit.ly/45f4F5W

Satellite Imagery



bit.ly/45iruWm

Yield Prediction



bit.ly/3PGhBMq

Find our brochures here:



www.metos.global/publications

METOS[®]

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