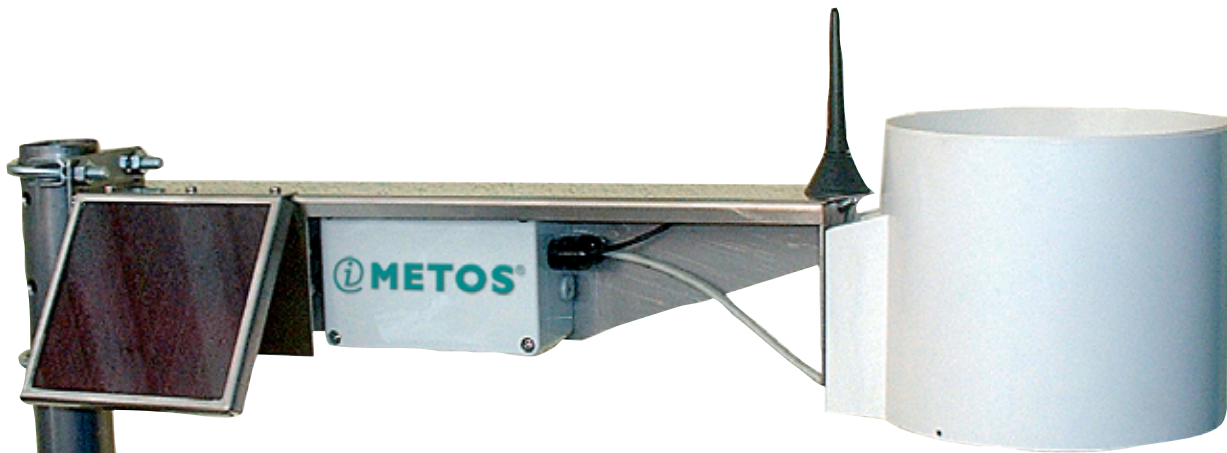


rain

Visit our Webpage: www.metos.at

iMETOS®rain real time local rainfall measurement via internet



Real time data via Internet for

- Local rainfall information
- Improved planning and logistics

Rainfall is measured permanently by iMETOS®rain and sent to the internet climate data base of Pessl Instruments GmbH www.fieldclimate.com every two hours.

The iMETOS® rain station is powered by rechargeable batteries and a solar panel, therefore no changing or external charging of batteries is required. iMETOS® rain only needs a valid GPRS contract with sufficient good GSM coverage in the area, about 5 MB data per month and a deactivated SIM lock to be operational. No PC software is needed to receive the rainfall information. Your internet browser and your log in password to the site <http://www.fieldclimate.com> will get you online directly to the rainfall data of your own orchards or fields. On request the model iMETOS® rain can be equipped with additional sensors any time – ask you local partner or Pessl Instruments.

Technical data of iMETOS rain:

Dimensions: 70cm x 18 cm x 18 cm

Weight: 1.4 kg

Measuring interval: adjustable from 5 minutes

Logging interval: adjustable from 5 minutes

Internet access interval: adjustable

Rain gage resolution: 0.2mm

Rain gauge max rain reporting 12 mm/min

Rain gauge accuracy: $\pm 5\%$

Turning Information into Profits



iMETOS® ice for frost monitoring and SMS warning via cellular phones



Real Time Data via Internet for

- Frost warning and control
- Stress management

is needed. The
The iMETOS® ice
a solar panel, there-

is required. iMETOS® ice only needs a valid GPRS contract with sufficient GSM coverage in the area and a deactivated SIM lock to be operational. iMETOS® ice transmits the collected data every two hours to the internet climate data base of Pessl Instruments GmbH at <http://www.fieldclimate.com>. Your internet browser and your log in password to the site <http://www.fieldclimate.com> provide you online reports and temperature graphs observed in your own orchards or fields. On this site there is also an area reserved where you can input and change the thresholds (based on phenological progress) and telephone numbers (men on duty) to be used in frost warning and/or stress warning for evaporative cooling. On request the model iMETOS® rain can be equipped with additional sensors any time – ask you local partner or Pessl Instruments.

iMETOS® ice is supplied with wet bulb temperature

Optional Sensors are: Dry bulb temperature
Temperature and relative humidity
Soil temperature

Technical data of iMETOS ice:

Dimensions without sensors:

54cm x 18 cm

x 18 cm

Weight without sensors: 1.2 kg

Measuring interval: adjustable from 5 minutes

Logging interval: adjustable from 5 minutes

Internet access interval: adjustable

Temperature sensor: SMT 160-30

Temperature sensor resolution: 0.1°C

Temperature sensor accuracy: $\pm 0.5^\circ\text{C}$

Relative humidity sensor: HC 103

Relative humidity sensor resolution: 1%

Relative humidity accuracy 25% - 90%: 3%