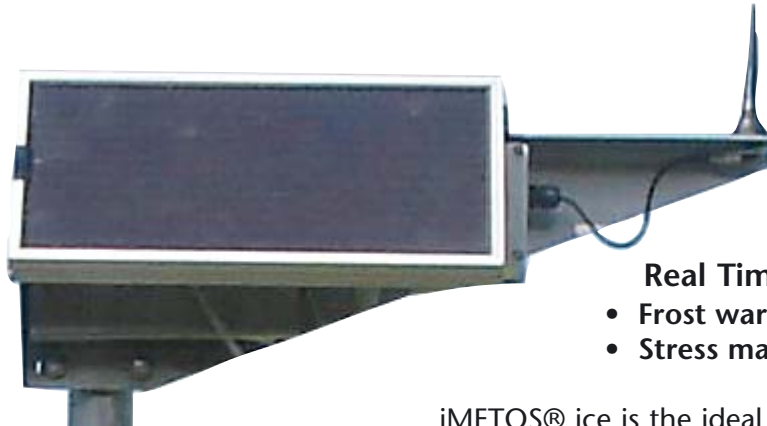


iMETOS® ice for frost monitoring and SMS warning via cellular phones



- Real Time Data via Internet for**
- Frost warning and control
 - Stress management



iMETOS® ice is the ideal instrument for frost monitoring and SMS warning. No PC software is needed. The warnings arrive directly at your mobile phone. The iMETOS® ice station is powered by rechargeable batteries and a solar panel, therefore no changing or external charging of batteries 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.metos.at/fieldclimate>. Your internet browser and your log in password to the site <http://www.metos.at/fieldclimate> 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.

Don't leave your crop unattended in nights with frost risks.

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: 5 minutes

Logging interval: 60 minutes

Internet access interval: 120 minutes 600 to 2200

Temperature sensor: SMT 160-30

Temperature sensor resolution: 0.1°C

Temperature sensor accuracy: ±0.5°C

Relative humidity sensor: HC 103

Relative humidity sensor resolution: 1%

Relative humidity accuracy 25% - 90%: 3%