



iMETOS® 3.3 is a durable and flexible data logger for all climatic conditions, powered by rechargeable batteries and a solar panel. The data logger has a built-in UMTS/CDMA modem for direct communication with the FieldClimate platform, and can handle up to 600 sensors through the intelligent sensor bus system. The system is extremely reliable due to a non-volatile internal memory and can store 8 MB of logged data (cca. 1 month).



### iMETOS® IMT180

Air Temperature and Relative Humidity sensor and Rain Gauge.



### iMETOS® IMT200

Air Temperature and Relative Humidity sensor, Rain Gauge and Leaf Wetness sensor.



### iMETOS® IMT280

Rain Gauge and all the sensors for Evapotranspiration calculation: Air Temperature and Relative Humidity, Global Radiation and Wind Speed.



### iMETOS® IMT300

Sensors for Evapotranspiration and Disease Models calculation: Air Temperature and Relative Humidity, Rain Gauge, Global Radiation, Wind Speed and Leaf Wetness.

## TECHNICAL SPECIFICATIONS

<b>Sensors layout</b>	1 wind speed, 1 leaf wetness, 1 rain gauge, 1 water-meter (reed), 2 hygrocilips (air temperature and relative humidity) <b>5 digital inputs:</b> automatic sensor recognition, supporting sensor chains (max. 600 sensors)
<b>Extension connector</b>	Radio access point or Sentek Drill & Drop or ultrasonic wind sensor or two extra chain connectors – Pessl Instruments bus cable nodes
<b>Memory</b>	8 MB flash memory
<b>Internet connectivity</b>	GSM – GPRS, EDGE, HDSPA, CDMA, UMTS, Satellite
<b>Alert</b>	SMS, user configurable via website
<b>Dimensions without sensors</b>	41 cm L x 13 cm W x 7 cm H
<b>Weight without sensors</b>	2.2 kg
<b>Measuring interval</b>	5 minutes (by default)
<b>Logging interval</b>	10-120 min (user selectable)
<b>Transmission frequency</b>	User selectable
<b>Battery</b>	6V, 4.5AH, Operating range: -35 °C to 80 °C
<b>Solar panel</b>	Dimensions: 13.5 x 13.5 cm, 2 Watt solar panel
	iMETOS® 3.3 base unit (no sensors included), internet based logger, battery 4.5Ah, solar panel, UMTS based, logger, mounting brackets