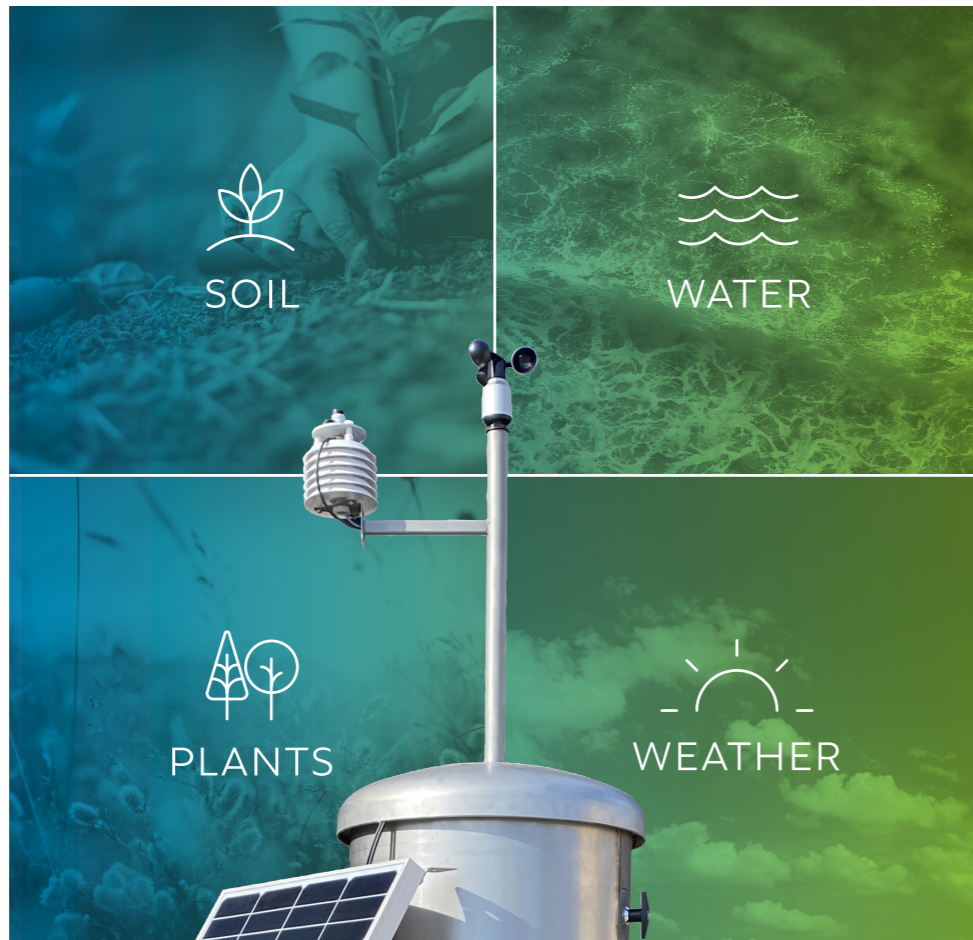


UGT PRODUCT RANGE

- Irrigation systems
- Soil Moisture Sensors
- Calcimeter
- Data logger
- EcoLab500
- EcoUnit
- Flume
- Gas measuring hood
- Hood Infiltrometer
- Hood permeameter
- Tipping counter
- Climate sensors
- ku-pF apparatus
- Air pycnometer
- Lysimeter
- Moor clap probe
- Precipitation gauge
- Level sensors
- Penetrometer
- Percolameter
- Permeameter acc. to Ketelsen
- PL-300
- Plant Pressure Ecotron
- Ready-To-Go Lysimeter
- Rhizotron
- Run-off
- Suction probe
- Suction probe system
- Sedimat
- Sedimentation trap
- Sedimentation box
- Silo sampler
- Stem flow
- Sampling cylinder
- Substrate lance
- Talking Tree
- Tensiometer
- Overhead shaker
- Weighing triangle
- Weighing monitor
- Weather station
- Wind erosion
- Root auger



READY-TO-GO LYSIMETER
with logger column and
climate station



UGT-Product range

HYDROLOGY

- Water level
- Water quality
- Sediment load
- Run-off measurement
- Infiltration
- Sampling
- Water isotopes



MONITORING OF ALL RELEVANT PARAMETERS AROUND THE WATER ENVIRONMENT

Water level & quality, discharge, flow, sediment load



H-FLUMES - for non-contact flow measurement on open flumes. Also for strongly varying flow rates and for polluted water. Year-round measurement, low maintenance.



TIPPING COUNTERS - Tilt meter - for high time-resolved recording of seepage rates and flow rates made of PE or V2A steel. Tipping counter sizes 0.1 l and 20 l with data logger and adequate sampling.



LYSIMETER - for the acquisition of real evapotranspiration and all water balance variables. Different sizes for laboratory and field, with/without atmosphere unit, sensor technology and design adapted to your application.



RUN-OFF MEASURING DEVICE - for recording and automated sampling of surface run-off. Inlet system, tilt counter, microcomputer-controlled autosampler.



SEDIMENTATION BOX - for the integrative sampling of the sediment load of flowing waters, incl. microplastics. Also available: mobile sieve tower for random sampling, plate trap for standing waters



SAMPLER - from Teledyne ISCO. Mobile or fixed, for single or composite samples by time, flow or event.

Water Isotope Analyzer Picarro L2130-i / L2140-i

for the measurement of the stable water isotopes $\delta^{18}\text{O}$, $\delta^{17}\text{O}$ and $\delta^2\text{H}$ as natural tracers in the water cycle.
Connection to UGT gas hoods, Ecotrons and lysimeters.



Level loggers and multi-parameter probes from In-Situ

for monitoring water level and water quality. Highly accurate, drift stable and robust. With anti-fouling protection and wiper. Vented/unvented pressure measurement. Connection possibilities: with remote data transmission unit VuLink, connection to own PLC, as handheld instruments or as stand-alone loggers.



Rugged Troll 100/200

robust and cost effective

Level Troll 400/500/700

Titanium sensor for most accurate pressure measurement, smallest design, up to 700 m wc

Aqua Troll 100/200

Recording of pressure, temperature and conductivity

Aqua Troll 500/600

Multiparameter probes with 4 freely assignable sensor slots for the Acquisition of up to 12 water quality parameters. One probe for all applications Bluetooth readout device and free Vu-Situ app.

Water Level Meters

for the determination of water level, temperature, EC and interface between oil and water



Submersible pumps

for sampling in GW measuring points. MP-1 pump / WASP models P1-P5 with flow controller