

rain collectors

standard rain collector

Precipitation is measured by catching the rainfall in a container through an (often round) opening. The collected rain water will be poured regularly into a measuring glass with mm reading to determine the amount of rain. 1 mm precipitation correspond to 1 liter water on 1 m².

Hellmann rain gauge model 69d DIN 58666C

Rain gauge with 200 cm² circular collecting area (WMO standard) with limit ring and a lower part with the collection container with a volume approx. 1,4 l. Supplied with graduated cylinder, made of polystyrene clear as glass in accordance to DIN 58667B for 0 to 10 mm of precipitation, and holder. Dimensions: diameter 190 mm, height 440 mm. Optional: snowcross.



aluminium tipping bucket model SBS

Tipping bucket system with aerodynamic design and a robust construction. The funnel of the gauge is made from 2 mm thick powder coated aluminium while the base is manufactured in LM6 marine grade aluminium. The gauge can therefore be installed in extremely hostile conditions.



Resolution 0,2 mm and a collecting area of 500 cm². Optional is a 0,1 mm tip with 1000 cm² collector.

tipping bucket system

For automatic rain measurement the tipping bucket system will be applied. The water falls through a funnel in a tipping bucket with on/off contact at each tip. After a certain amount of rain the bucket tips. A tipping bucket system "counts" the rain and is connectable to data loggers, weather stations with pulse input or to an eventrecorder.

diabolo tipping bucket model ARG-100-EC

Aerodynamic shaped rain collector. A conventionally shaped rain collector interferes with airflow so much that the rain catch will be diminished. The ARG100 aerodynamic rain collector reduces that effect. The ARG100 is designed by Institute of Hydrology, Wallingford, UK and is also based on model calculations of the UK Meteorological Office. De collector is made from UV resistant plastic. This collector can be supplied with built-in data logger. Resolution 0,2 mm and a collectin area of 500 cm².

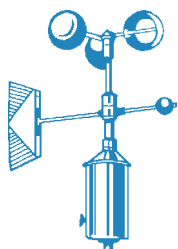


low-cost tipping bucket model 7852M

Simple, affordable, but very accurate tipping bucket rain collector. Resolution 0,2 mm. This meter is being supplied with 12 meter of cable. The lasercalibrated bucket is water and corrosion resistant.



made to measure



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