

Young Precipitation Sensor

Order-No: P 6360H - heatable
P 6360 - without heating
P 6361 - bird protection

- The instrument is designed to measure the height, quantity and the intensity of the precipitation striking the surface of the earth.
- The YOUNG Tipping Bucket Rain Gauge meets the specifications of the World Meteorological Organization (WMO).
- The design uses a proven tipping bucket mechanism for simple and effective rainfall measurement. The bucket geometry and material are especially selected for maximum water release, thereby reducing contamination and errors. Catchment area of 200 sq.cm and measurement resolution of 0.1 mm meet the recommendations of the WMO. Extensive use of molded thermoplastic components ensures maximum performance and value. Leveling screws and bullseye level are built-in for easy and precise adjustment in the field. Measured precipitation is discharged through a collection tube for verification of total rainfall.



Specification:

Catchment Area:	200 sq.cm
Resolution:	0.1 mm per tip
Measuring Range:	max. 11mm/min.
Measuring Principle:	tipping-bucket
Electrical Output:	Magnetic reed switch (N.O.), rating 24 VAC/DC, 500 mA
Ambient Temperature:	-20.....+50°C (with heating)
Power:	18 Watts for heater only
Mounting:	Clamp for 1" iron pipe (o.d. 1.24") or 3 bolts on 160 mm dia. circle
Dimensions:	Ø 180 x 300 mm (390mm with mounting base)
Manufacturer:	Young

P 6360H is heated for operation in cold temperatures. An unheated version, P6360, is available for use in moderate climates. The discourage birds from perching on the funnel rim, accessory bird wurd assembly may be attached to the gauge P6361.