



52202

TIPPING BUCKET RAIN GAUGE



Product Description

The MUNRO 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 specially selected for maximum water release, thereby reducing contamination and errors.

Catchment area of 200cm² & measurement resolution of 0.1 mm meet the recommendations of the WMO. 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.

Model 52202 is heated for operation in cold temperatures. An unheated version, 52203, is available for use in moderate climates.

To discourage birds from perching on the funnel rim, accessory bird wire assembly may be attached to the gauge.



Technical Specifications

Size	18 cm dia. x 30 cm high, (39 cm high with mounting base)
Catchment Area	200 cm ²
Resolution	0.1 mm per tip
Accuracy	2% up to 25 mm/hr 3% up to 50 mm/hr
Output	Magnetic reed switch (N.O.), rating 24VAC/DC 500mA
Operating Temperature	-20°C to +50°C (heated)
Power	18 Watts for heater only
Mounting	Clamp for 1" (1.34" dia.) iron pipe or 3 bolts on 160mm dia. circle
Other	Leveling adjustment, thermostatic control for heater, intake screen