



**Meets WMO precision
requirement of 0.1mm/tip**

Overview

This rain gauge provides a catchment area of 200cm² and a tip measurement of 0.1mm as per WMO specification. The sensor is manufactured predominantly from moulded thermoplastic components for long and reliable operation.

The sensor can either be mounted on a pole or on a flat surface and offers a built-in bullseye level and levelling screws for precise adjustment in the field.

Benefits and Features

- ▶ Catchment area of 200 cm² and measurement resolution of 0.1 mm meet the recommendations of the WMO
- ▶ Magnetic reed switch (N.O.), rating 24VAC/DC 500mA
- ▶ Accuracy - 2% up to 25 mm/hr 3% up to 50 mm/hr

Technical Description

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 200 cm² and measurement resolution of 0.1 mm meet the recommendations of the WMO. Levelling 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. This unheated version, is ideal for use in moderate climates and a heated version 52202 is also available for operation in cold temperatures. To discourage birds from perching on the funnel rim, accessory bird wire assembly may be attached to the gauge. Supplied with 6m cable, additional cable available if required.

For comprehensive details, visit: www.campbellsci.eu/52203 