

# Tipping Bucket Rain Gauge

## Features

- 0.2mm precipitation resolution
- Pulse output
- Optional heater available.
- Low maintenance



## Specifications

### Power Requirements:

None

Optional heating element requires 24VDC, 25W

### Output signal:

Pulse from magnetic reed switch (contact closure)

### Accuracy:

±3%

### Operating Temperature:

-10°C to 40°C with heating

### Dimensions:

240 mm high, 205 mm diameter

### Weight:

0.9 kg

### Material:

White coated ABS (UV stabilised)

### Cable:

2-core cable

The WS-MM-200-K2 rain gauge operates on the basis of a tipping bucket mechanism.

The buckets are available in capacities that correspond with precipitations of 0.2 mm per m<sup>2</sup>

The bucket assembly acts as a seesaw. As soon as the bucket is full, the lower "empty" bucket is lifted to be filled, while the lower bucket is drained.

Each tip generates a contact closure. The total precipitation during a certain period of time equals the number of impulses multiplied by the contents of the bucket used multiplied by a constant.

The rate and total of precipitation can be indicated by instrumentation accepting a pulse input such as AIC's PM4-TR panel mount monitor, RM4-TR DIN rail mount monitor and LD-TR large digit display.

## ORDERING INFORMATION:

Model	Description
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WS-MM-200-K2	Tipping Bucket Rain Gauge
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WSMM200-1.2-0