

## Tipping Bucket Rain Gauge Model TB-3

**P/N: R-101-TB3**



The Model TB-3 Tipping Bucket Rain Gauge is designed for remote, unattended rainfall measurements. The aluminum Receiver is 200mm in diameter, mounted in a removable powder coated aluminum enclosure. The gauges are supplied with a siphon for improved calibration. The siphon can be dismantled for routine servicing.

### Specifications

**Calibration:**  $\pm 2\%$  @0.5-300 mm/hr.

**Range:** 0-700 mm/hr.

**Accuracy:** 0-250mm per hour  $\pm 2\%$  & 250-500mm per hour  $\pm 3\%$

**Sensitivity (per tip) Options:** 0.1mm, 0.2 mm, 0.5 mm, 1.0mm, or 0.01 Inch

**Sensor:** Tipping Bucket with Siphon

**Contact:** Dual Reed Switch potted in Silicon Rubber with varistor protection

**Contact Capacity:** 12VDC, 0.5 amp max.

**Contact Time:** 0.1 Second

**Bucket:** Injection Molded ABS Chrome Plated; Available in 0.01in.; 0.2mm, or 0.5mm

**FLOW:** Siphon (removable for cleaning)

**Outer Enclosure:** Powder Coated Aluminum with 2 quick releases

**Environmental Operating Range:** -20 to +70°C; 0 to 100% Humidity

**Pivots:** Jewel grade sapphire pivots with stainless steel shaft

**Level:** Bulls eye level on base

**Mounting Holes:** Three 10mm diameter @ 117mm PCD

**Weight:** 3.3kg (7.25 lbs)

### Ordering Information

Specify per tip calibration: 0.1mm, 0.2 mm, 0.5 mm, 1.0mm, or 0.01 Inch

Specify Cable length – PN: C-130-TB

Bracket for Tower mount – PN: MB-102-TB