

# Stainless Steel Rain Gauge

The SRG1 is a research grade Rain Gauge with 0.2mm tips and high accuracy during intense rainfall events.

## Rain Gauge Features

- Stainless Steel
- Resolution of 0.2 mm
- Accuracy of  $\pm 2\%$  at 500 mm/hr



- Rain enters the gauge through an 20cm orifice, protected by distortion preventing aluminum ring.
- Collected water passes through the debris-filtering screen and is funneled into one of two tipping buckets inside the gauge.
- When a given amount of water collects, the bucket tips. (Tip of 0.2mm is standard).
- Tipping causes magnet to pass over proximity switch, closing it momentarily.
- Second bucket positions under funnel for filling.
- After rain is measured, it exits through drain tubes with screen covered holes in the base of the gauge.
- Designed for many years of accurate, trouble free operation.
- Stainless steel outer housing.
- Built in level indicator and pre-drilled feet.

## Applications:

- Meteorological Station
- Storm Water Management
- Catchment Hydrology



Constructed entirely of stainless steel.



# Stainless Steel Rain Gauge

## Specifications

### Operating Conditions

Output	0.1 second switch closure – suitable for any standard Data Logger
Accuracy	±0.5% 125 mm/hr ±2% at 500 mm/hr
Sensitivity/ Resolution	0.2 mm
Dimensions	
Orifice	20cm in Diameter
Overall	537 mm x 210 mm x 210 mm
Weight	
Weight	3.27 kg
Other	
Switch	Rugged Magnetic Proximity
Material	Stainless Steel

