

360 Precipitation Gauge

360 series precipitation gauges are high quality, reliable instruments that measure rain and/or snow. The tipping bucket allows for accurate, repeatable measurements and low maintenance.

When a precise amount of precipitation is collected in one side of the bucket, gravity tips the assembly and activates a reed switch. A momentary electrical contact closure is provided for each increment of rainfall. The sample is discharged through the base of the gauge. The optional heating elements are thermostatically controlled to melt snow and ice and avoid evaporative loss.

Features

- Self-emptying, dual chambered tipping bucket
- Roller on roller pivots
- Funnel screen system prevents debris from clogging gauge
- Anodized aluminum and stainless steel construction
- Bubble level & adjustable feet assure proper mounting
- Optional heating elements for frozen conditions



Applications

- Ambient Air Monitoring
- Environmental Surveys
- Government Networks

Precipitation & Snow Gauges

Model #: Plastic Tip Bucket	365	367	369
Model #: Metal Tip Bucket	365-1	367-1	369-1
Standard Calibration:	.25 mm/tip or .01in/tip	.20 mm/tip	.10 mm/tip

Common Specifications

Funnel Area:	200 cm sq
Accuracy:	+/-1% (0 to 30 mm/hr) +/-5% (30 to 120 mm/hr)
Switch:	Reed switch rated at 10 mA, 28 VDC (maximum)
Operating Temperature:	-13°F to 140° F (-25°C to +60°C)
Thermostat Set Point for Funnel and Base Heater:	39.92°F (4.4°C)
Heaters:	Funnel: 24 VAC/DC, 75 watt Base: 24 VAC/DC, 50 watt
Height	1 ft. (30.5 cm)
Weight:	2.43 lbs. (1.1 kg)

Cable

P/N 3519	Signal Cable Assembly; specify length in feet or meters
P/N 3517	Power Cable Assembly; specify length in feet or meters

Ordering Information

Specify model number, calibration factor, cable length(s), and accessories

Specifications are subject to change at any time.