

260-2500 Tipping Bucket Rain Gauges

The **Model 260-2500 Tipping Bucket Rain Gauge** is a dependable instrument used for measuring precipitation. Rainfall entering the 8" or 12" funnel collector is directed to the tipping bucket assembly. When an incremental amount of precipitation has been collected, the bucket assembly tips and activates a magnetic reed switch. The sample is discharged through the base of the gauge. A momentary electrical contact closure is provided for each increment of rainfall. This contact closure is used to operate the Model 260-6113-A Event Recorder or other data acquisition systems. A level is provided on the base for correct positioning of the unit. The unit is manufactured of anodized aluminum and powder coated aluminum. The funnel has a screen to prevent debris from entering the gauge. It is shipped complete with mounting brackets and 25' of cable.

The **Model 260-2500E Electric Rain/Snow Gauge** is used where 115V power is available and precipitation is often in the form of snow. A heating kit has been added to the basic Model 260-2500 Rain Gauge to provide the capability for measuring snowfall. The 260-2500E has a 400 watt heater unit installed on the base of the rain gauge. The outer tube is insulated and a freeze point thermostat controls the temperature at the funnel. Snow falling into the funnel is melted and the resulting water drains into the tipping bucket assembly. It includes 25' of power cable and 25' of signal cable.



260-2500 Tipping Bucket Rain Gauge

Specifications

Capacity: Unlimited

Orifice:

Model 260-2500: 8" (20 cm)

Model 260-2500-12: 12" (30 cm)

Calibration: 0.01", 0.25 mm, 0.5 mm, 1 mm

Accuracy: $\pm 1\%$ at 2"/hr

Output: 0.1 second switch closure

Contact rating: 3 watts, 0.25 amps, 24 Vdc

Size:

Model 260-2500: 8" x 17"

Model 260-2500-12: 12" x 20"

Weight/Shipping:

Model 260-2500: 7 lb/12 lb

Model 260-2500-12: 14 lb/18 lb

Note: 1 mm calibration is not available for 260-2500-12 series.

Ordering Information

260-2500	8" Rain Gauge, 0.01"/tip
260-2500M	8" Rain Gauge, 1 mm/tip
260-2500M.25	8" Rain Gauge, 0.25 mm/tip
260-2500M.5	8" Rain Gauge, 0.5 mm/tip
260-2500E	8" Electric Rain Gauge, 0.01"/tip, 115 Vac
260-2500ME	8" Electric Rain Gauge, 1 mm/tip, 115 Vac
260-2500ME.25	8" Electric Rain Gauge, 0.25 mm/tip, 115 Vac
260-2500ME.5	8" Electric Rain Gauge, 0.5 mm/tip, 115 Vac
260-2500-12	12" Rain Gauge, 0.01"/tip
260-2500M-12.25	12" Rain Gauge, 0.25 mm/tip
260-2500E-12	12" Electric Rain Gauge, 0.01"/tip, 115 Vac
260-2500ME-12.25	12" Electric Rain Gauge, 0.25 mm/tip, 115 Vac
260-2500H	Heater Kit for 8" 260-2500, 115 Vac
260-2500H-12	Heater Kit for 12" 260-2500-12, 115 Vac
260-2500HC/25	Additional Heater Cable, 25' add'l (50' total)
260-2500HC/75	Additional Heater Cable, 75' add'l (100' total)
330-0220	Additional Signal Cable, per foot
260-2595	Rain Gauge Calibrator
260-2596	Digital Event Counter
260-950	Rain Gauge Mounting Plate
260-952	Rain Gauge Wind Screen