

260-2510 Standard Rain and Snow Gauge

The **260-2510 Standard Rain and Snow Gauge** is a National Weather Service type all-aluminum rain gauge with a total capacity of 20" of rainfall. The gauge includes a funnel, measuring tube, overflow can and measuring stick with English and metric markings. The tripod support is sold separately.

The upper portion of the funnel is cylindrical in shape and is turned to a fine edge. Rainwater falling into the funnel is delivered into a measuring tube. The cross-section area of the tube is one-tenth the cross-section area of the funnel. Therefore, when 1 inch of rain falls into the funnel, it fills the measuring tube to a depth of 10 inches. The scale on the measuring stick is expanded 10 times, and since the scale is graduated to hundredths of an inch, the correct rainfall depth of water in the tube is read directly to hundredths from the stick. The capacity of the measuring tube is 2" of rainfall. Any excess overflows into the outer chamber. The overflow water must be transferred to the empty measuring tube for direct measurement with the stick.

In winter, the funnel and measuring tube are removed so that rain/sleet/snow/hail are collected by the outer chamber. The amount of precipitation is measured by melting the ice and then pouring the water into the measuring tube.



**260-2510 Rain Gauge
with
260-2510S Tripod**

Features

- National Weather Service Type Rain and Snow Gauge
- Total capacity 20 inches (500 mm)
- English / metric measuring stick included
- Optional tripod support stand

Specifications

Orifice	8" (200 mm)
Capacity	20" (500 mm)
Resolution	0.01" or 0.2 mm
Construction	White powder coated aluminum body, anodized aluminum funnel
Dimensions	8.25" diameter x 24.75" height (210 x 630 mm)
Weight / Shipping (gauge)	7 lbs / 8 lbs (3.2 kg / 3.6 kg)
Weight / Shipping (tripod)	8 lbs / 10 lbs (3.6 kg / 4.5 kg)

Ordering Information

260-2510	Standard Rain and Snow Gauge with Measuring Stick
260-2510S	Tripod Support
260-2510MS	English/metric Measuring Stick (24" length)