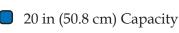
# MODEL 2601 Non-Recording Rain Gauge

Stainless Steel Construction

All Weather Construction



National Weather Service Standard





HIGH SIERRA ELECTRONICS, INC.

FAX: (530) 273-2089



#### **BENEFITS:**

- Measure rainfall in areas when a full system may not be required.
- Record rainfall fluctuations from year to year to help with water management decisions.
- Use as a tool for Stormwater Management to determine possible sewer overflows.
- Provide specific information on the potential for flooded roads.
- Combine with a Soil Moisture Probe for Irrigation Management.

#### **DESCRIPTION:**

The Model 2601-00 is a non-recording rain gauge designed for the National Weather Service to provide a reliable, low cost rain gauge for its weather observer teams. Its accurate, yet simple design ensures trouble free operation.

The gauge consists of a stainless steel 8 in (20.3 cm) diameter outer cylinder, a smaller clear plastic receiving cylinder and a polycarbonate 8 in (20.3 cm) funnel. The 2601-00 has a total capacity of 20 in (50.8 cm) of rainfall. The upper portion of the funnel is cylindrical and turned to a sharp edge. Rainwater collected in the 8 in (20.3 cm) diameter funnel, is channeled to the receiver tube. The ratio is 10 to 1, so that 1 in (2.54 cm) of rainfall delivers 10 in (25.4 cm) of water to the receiver. The 2601-00 is calibrated in increments of 0.01 inch and also has metric calibrations of 0.4 mm. The capacity of the receiver is 2 in (5.08 cm) of rainfall. Any excess liquid overflows into the outer chamber where it can be measured after the quantity in the receiver, has been measured and removed.

The 2106-00 is shipped complete with a black lamacoid measuring stick with both English and Metric markings. When used as a snow gauge, the receiver and funnel are detached and replaced with a "snow cutter" for direct measurements.

Meets National Weather Service Specifications.

02-2601-00(D)

# Model 2601 Non-Recording Rain Gauge

#### **SPECIFICATIONS:**

Event Resolution	.0.01 inch (0.2 mm)
Orifice Diameter	.8 in (20.3 cm)
Available Range	. 20 in (50.8 cm) Capacity
Operating Temperature	40° to 158° F (-40° to 70° C)
Mounting	. Tripod Support
Materials	. Stainless Steel Cylinder with Polycarbonate Funnel
Dimensions	. 27 x 8 in (68.58 x 20.32 cm) (H x Dia)
Weight	.14 lbs (6.4 kg)
Shipping Weight	.16 lbs (7.3 kg)

# **Optional Stand**

Materials	Aluminum
Dimensions	34.25 x 11 in ( 87 x 27.9 cm) (H x Dia)
Weight	3.65 lbs (1.7 kg)
Shipping Weight	6 lbs (2.7 kg)

# **ORDERING GUIDE:**

Model 2601-00	Non-Recording Rain Gauge. Includes: Phenolic measuring stick
	with 0.01 inch increments marked.
	National Weather Service Standard 8 in (20.3 cm) Diameter

# **OPTIONS/SPARE PARTS:**

Model 2601-01	.Stand for NWS non-recording rain gauge; Includes ground stakes and hardware. Powder coated White.
Model 2601-02	. Funnel; National Weather Service Standard 8 in (20.3 cm) Diameter
Model 2601-03	. Measuring Stick 24 in (60.96 cm); Marked on one side with 0.01 ft.
	Increments.
	(National Weather Service non-recording rain gauge standard)
Model 2601-04	. Measuring Tube; (Plastic) National Weather Service
	Non-Recording Rain Gauge.

See <a href="https://www.highsierraelectronics.com">www.highsierraelectronics.com</a> for more specification and ordering information.