

MODEL 2601

Non-Recording Rain Gauge

- Stainless Steel Construction
- All Weather Construction
- 20 in (50.8 cm) Capacity
- National Weather Service Standard



PHONE: (800) 275-2080

HIGH SIERRA ELECTRONICS, INC.

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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)

Environmental Monitoring Solutions

WEB SITE: www.highsierraelectronics.com E-MAIL: sales@highsierraelectronics.com

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 www.highsierraelectronics.com for more specification and ordering information.

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