

TIPPING BUCKET RAIN GAUGES AND ELECTRIC RAIN/SNOW GAUGES

RG-2500 Series
Starts at
\$625



- ✓ Choose from 20 and 30 cm (8 and 12") Orifice
- ✓ Heated Models Available for Snowfall Collection

The RG-2500 tipping bucket rain gauge is a dependable instrument used for measuring precipitation. Rainfall that enters the 20 or 30 cm (8 or 12") funnel collector is directed to the tipping bucket assembly. When an incremental amount of precipitation has been collected 0.01", the bucket assembly tips and activates a magnetic reed switch. The sample is discharged through the base of the gauge. A momentary electrical contact is provided for each increment of rainfall. The contact closure is used to operate a data acquisition system.

The RG-2500E is used where 115 Vac is available and precipitation is often in the form of snow. A heating kit has been added to the basic RG-2500 rain gauge to provide capability for measuring snowfall.

SPECIFICATIONS

Capacity: Unlimited

Orifice Size:

RG-2500, RG-2500E: 20 cm (8")

RG-2500-12, RG-2500E-12:
30 cm (12")

Accuracy: ±1% at 2"/hr,

Switch: 3 W, 24 Vdc, 0.25 A max

Sensitivity: 0.01" or 1 mm per tip

Dimensions:

RG-2500, RG-200E:

203.2 Dia. x 431.8 H mm (8 x 17")

RG-2500-12, RG-2500E-12:

508 H x 304.8 mm Dia. (20 x 12")

Weight:

RG-2500: 3.2 kg (7 lb)

RG-2500E: 5.4 kg (12 lb)

RG-2500-12: 6.4 kg (14 lb)

RG-2500E-12: 7.7 kg (17 lb)



RG-2500-12, \$795.

Each model is supplied with 7.6 m (25') signal cable, heated units also include 7.6 m (25') power cable, mounting feet and operator's manual.

RG-2500, \$625.

Both models shown smaller than actual size.

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

Model No.	Price	Description
RG-2500	\$625	Rain gauge 20 cm (8") orifice, tips at 0.01"
RG-2500-12	795	Rain gauge 30 cm (12") orifice, tips at 0.01"
RG-2500E	910	Heated rain gauge 20 cm (8") orifice, tips at 0.01"
RG-2500E-12	1135	Heated rain gauge 30 cm (12") orifice, tips at 0.01"
RG-2500M	625	Rain gauge 20 cm (8") orifice, tips at 1 mm
RG-2500M-12	1135	Rain gauge 30 cm (12") orifice, tips at 1 mm
RG-2500ME	910	Heated rain gauge 20 cm (8") orifice, tips at 1 mm
RG-2500ME-12	1135	Heated rain gauge 30 cm (12") orifice, tips at 1 mm

ACCESSORIES

Model No.	Price	Description
RG-2595	\$176	Rain gauge calibrator
RG-952	495	Rain gauge wind screen with 24 legs
RG-2500-MP	99	8" rain gauge mounting plate
RG-2500-MP-12	198	12" rain gauge mounting plate
OM-CP-EVENT101	99	Event data logger (software sold separately)
OM-CP-IFC110	99	Windows® software*

Comes complete with 7.6 m (25') signal cable, mounting feet, and operator's manual.

Heated units also include 7.6 m (25') power cable.

* OM-CP-IFC110, includes 1.2 m (4') RS232 cable with DB9F termination, 3.6V lithium battery, and operator's manual.

Ordering Examples: RG-2500E, heated rain gauge with 20 cm (8") orifice, \$910.

RG-2500M-12, rain gauge, 30 cm (12") with RG-2595, rain gauge calibrator, \$1135 + 176 = \$1311.

RG-2500, 20 cm (8") orifice rain gauge with OM-CP-EVENT101, event data logger, and OM-CP-IFC110, Windows® software, \$625 + 99 + 99 = \$823.



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• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

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• Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• Pressure, Strain and Force

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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters