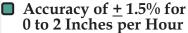
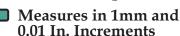
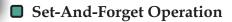
MODEL 2400 Tipping Bucket Rain Gauge







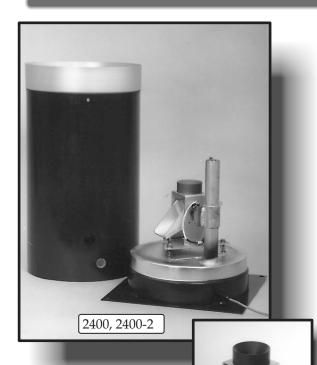




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SPECIFICATIONS:

Catch Bucket Machined Aluminum Sensor Type..... Form A 2 Wire Switch Sensor Housing ... 12" Aluminum Cylinder Materials Anodized Aluminum Event Resolution . . 1mm or 0.01 Inch

±1.5% for 0 to 2 Inches per Hour Accuracy +3% for 2 to 6 Inches per Hour

Contact Closure . . . Normally Open - Momentary Contact

Closure

Pulse Count - Upward 5 Pin MS Connector Output Connector .

Orifice Diameter... 12 Inch, 2.5 Inch Lip above Screen Operating Temp... 0° C to 60°C, 32°F to 140°F Signal Output Normally Open Contact Closure

Standpipe Assembly Mounting.....

Cable Shielded Cable Length..... 25 Foot 12" D x 22.5" H

11 Pounds Shipping Weight ... 13 Pounds

DESCRIPTION:

The 2400 Tipping Bucket Rain Gauge provides state-of-the-art technology for ALERT flood warning. It consists of a 12" diameter housing, a 12" anodized funnel, a 12" anodized debris screen, and a 4" stainless steel screen. The Tipping Bucket Mechanism is mounted on an anodized aluminum base with an integrally mounted bulls-eye level that uses spring-tensioned adjusters for accurate, set-and-forget operation.

The gauge comes complete with 25' signal cable and 5 Pin MS connector. Water is directed into the tipping bucket mechanism which is adjusted to tip when 1mm or 0.01 inch of rain is collected. As the bucket tips, it causes a magnet to pass over a sealed reed switch, closing the switch momentarily. The contact closure is then counted by the circuitry in the data collection equipment. Measurement accuracy is $\pm 1.5\%$ at a precipitation rate of 0 to 2 inches per hour and ± 3% for above 2 inches to 6 inches per hour. Water is discharged through drain holes at the base of the gauge housing, these holes are protected by screens to prevent insect entry.

The Model 2400 is designed to fit on a standpipe assembly, but can easily be a "standalone" with the

ORDERING GUIDE:

Model 2400 Rain Gauge Top Section

OPTIONAL:

Model 2400-1.... Rain Gauge Top Section without Spun Cap Model 2400-2..... Roof Mount Option Model 2400-3..... 1 mm Tipping Bucket Mechanism w/25' Cable Optional: (2400-10) 0.01 Inch Tipping Bucket Mechanism w/25' Cable Exchange - Form "C" - 3 Wire Reed Switch Model 2400-4..... (Sierra Misco Type) Model 2400-5..... Replacement Funnel Model 2400-6..... Replacement Funnel w/3" Lip Model 2400-7..... Altershield for Rain Gauge

Model 2400-8..... Model 2400-9..... Replacement Screen Model 2400-11.... Top Section Retrofit Kit

Model 5100 Extra Cable, 2 Conductor (1 Foot Increments)

Bracket for Altershield & 12" Tube

ACCURACY YOU CAN COUNT ON