

# TIPPING BUCKET RAIN GAUGE

## STAINLESS STEEL

5600-0425



### STANDARD PRECISION INSTRUMENT FOR THE MEASUREMENT OF RAINFALL ACCUMULATION &/OR RATE

- Rain enters gauge through an eight inch orifice, protected by distortion preventing aluminum ring
- Collected water passes through debris-filtering screen and is funneled into one of two tipping buckets inside the gauge.
- When a given amount of water collects, bucket tips (amount determined by calibration).
- Tipping causes magnet to pass over proximity switch, closing it momentarily.
- Second bucket positions under funnel for filling.
- After rain is measured, it exits through drain tubes with screen covered holes in the base of the gauge.
- Designed for many years of accurate, trouble-free operation
- Constructed entirely of stainless steel
- Stainless steel outer housing
- Built in level indicator and pre-drilled feet



### APPLICATIONS

- Meteorological Station
- Stormwater Management

### SPECIFICATIONS

Specifications subject to change without notice

#### MECHANICAL

<i>Orifice Size</i>	7.87 in. (20 cm) Diameter
<i>Dimensions</i>	8.25 in. (20.95 cm) Dia x 24 in. (609.6 cm) H
<i>Weight</i>	6.4 lbs (2.9Kg)
<i>Switch</i>	Rugged Magnetic Proximity
<i>Switch</i>	Switch

#### OPERATIONAL

<i>Output</i>	0.1 second switch closure
<i>Accuracy</i>	±0.5% at 0.5 in./hr (1.27 cm/hr.)
	±2% at 2 in./hr (5.08 cm/hr)

#### SENSITIVITY/RESOLUTION

5600-0425-1	0.1mm
5600-0425-2	0.2mm
5600-0425-3	0.3mm
5600-0425-5	0.5mm
5600-0425-6	0.01 inches



### ORDERING

#### 5600-0425-1

Rain Gauge, Stainless Steel, Tipping Bucket 0.1mm/tip (includes 50ft/15m cable)

#### 5600-0425-2

Rain Gauge, Stainless Steel, Tipping Bucket 0.2mm/tip (includes 50ft/15m cable)

#### 5600-0425-3

Rain Gauge, Stainless Steel, Tipping Bucket 0.3mm/tip (includes 50ft/15m cable)

#### 5600-0425-5

Rain Gauge, Stainless Steel, Tipping Bucket 0.5mm/tip (includes 50ft/15m cable)

#### 5600-0425-6

Rain Gauge, Stainless Steel, Tipping Bucket 0.01 inch/tip (includes 50ft/15m cable)

#### Accessories

#### 6661-1137-1

Drain Kit, Tipping Bucket

#### 6211-1024-1

Mounting Kit, Tipping Bucket to tower

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