

POWERED BY ACOEM

370D-380D

Precipitation Gauges

370D-380D Series all-metal precipitation gauges measure rain and/or snow in all environments, using a tipping bucket mechanism.

The economical tipping bucket design allows accurate, repeatable measurements, requiring no regular maintenance. Each model is optimized to meet particular site and sampling requirements and exceeds EPA specifications. New D series replaces jewel bearings with steel rollers for improved reliability.

Features

- Self-emptying, dual chambered tipping bucket
- Steel rollers for improved reliability
- Funnel Screen system prevents debris from clogging gauge
- Stainless Steel, Teflon coated bucket
- Corrosion resistant materials throughout
- Bubble level & adjustable feet assure proper mounting
- Optional heating elements for potentially frozen conditions



370D Precipitation Gauge



370D (interior)

Applications

- Ambient Air Monitoring
- Environmental Surveys
- Government

Precipitation Gauges

MODEL NUMBER	FUNNEL DIAMETER	STANDARD CALIBRATION	OPTIONAL CALIBRATION
370D	8 inch (20.3 cm)	0.01 inch	0.2 or 0.25 mm
372D	8 inch (20.3 cm)	0.5 mm	N/A
380D	12 inch (30.5 cm)	0.01 inch	0.2 or 0.25 mm
382D	12 inch (30.5 cm)	0.1 mm	N/A

Precipitation & Snow Gauges

MODEL NUMBER	FUNNEL DIAMETER	STANDARD CALIBRATION	OPTIONAL CALIBRATION	POWER REQUIREMENT
375D	8 inch (20.3 cm)	0.01 inch	0.2 or 0.25 mm	115 VAC, 315 watts
376D	8 inch (20.3 cm)	0.01 inch	0.2 or 0.25 mm	220 VAC, 315 watts
377D	8 inch (20.3 cm)	0.5 mm	N/A	115 VAC, 315 watts
379D	8 inch (20.3 cm)	0.5 mm	N/A	220 VAC, 315 watts
385D	12 inch (30.5 cm)	0.01 inch	0.2 or 0.25 mm	115 VAC, 315 watts
386D	12 inch (30.5 cm)	0.01 inch	0.2 or 0.25 mm	220 VAC, 315 watts
387D	12 inch (30.5 cm)	0.1 mm	N/A	115 VAC, 315 watts
389D	12 inch (30.5 cm)	0.1 mm	N/A	220 VAC, 315 watts

Heaters: Funnel 240 watts, composite with built-in thermostat
 Base 75 watts, composite with built-in thermostat

Thermostat Set Point: Funnel and base heater 40°F (4.4°C)

Common Specifications to All 370D-389D Series Gauges

Operating Temperature: -58°F to 158°F (-50°C to 70°C)

Accuracy: ±1% at 1"/hr at 70°F

Switch: Reed switch rated at 10 mA, 28 VDC (maximum)

Physical Characteristics

Height:	8 inch	18 inch (46 cm)
	12 inch	20.5 inch (52 cm)
Weight: (not including cable)	8 inch Precipitation	6 lbs (2.7 kg)
	12 inch Precipitation	7.5 lbs (3.4 kg)
	8 inch Precipitation/Snow	6.7 lbs (3 kg)
	12 inch Precipitation/Snow	11.5 lbs (5.2 kg)
Finish:	White gloss textured powder coat and clear anodized aluminum	

Accessories

PN 820440: Wind Screen

The improved Alter-design screen is constructed of 32 free-swinging leaves, greatly improving the accuracy of the catchment by reducing local turbulence.

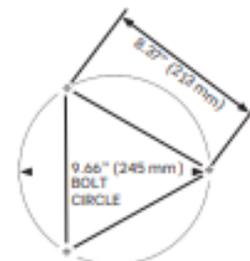
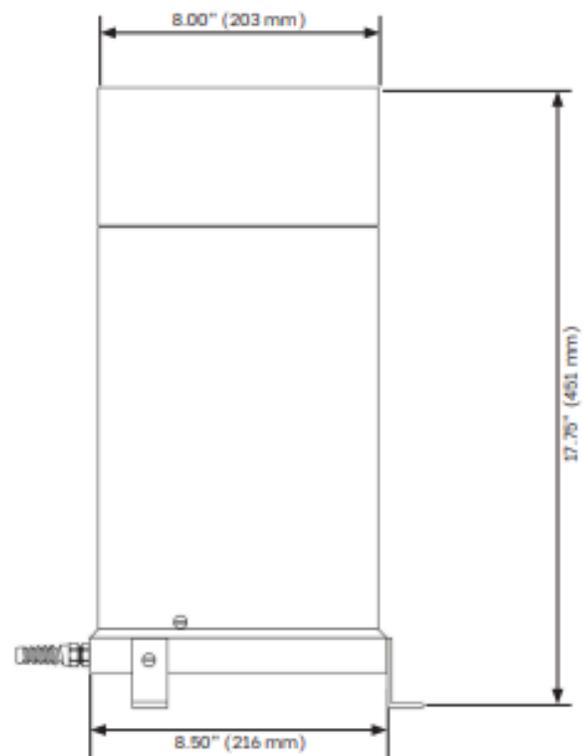
Cables (for Models 370D-389D)

PN 1566: Signal Cable Assembly; specify length in feet or meters

PN 2517: Power Cable Assembly; specify length in feet or meters

Ordering Information

Specify model number, calibration factor, cable length(s), and accessories



HOLE PATTERN IN BASE FOR 1/4" (6.35 mm) MOUNTING BOLTS THROUGH LEGS



POWERED BY ACOEM

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