

MODEL 5045 All Weather Rain Gauge

General Description

The Model 5045 All Weather Rain Gauge is designed to measure precipitation as both rain and snow.

The gauge uses proven load cell technology to measure the weight of precipitation that is collected in the rain gauge catch. The rain gauge catch contains environmentally friendly ethanol-glycerin antifreeze which converts frozen precipitation to liquid.

Advanced digital software filtering reduces errors due to wind, vibration and other noises sources. Measurement is unaffected by high precipitation rates. Delivered fully calibrated from the factory.

Specifications

Capacity:	
5045-12	12 in.
5045-20	20 in.
5045-30	30 in.
Height:	
5045-12	34 in.
5045-20	44 in.
5045-30	54 in.
Diameter:	12 in.
Power required:.....	12 Vdc (15 mA average drain)
Resolution:	0.01 in.
Threshold:.....	0.01 in.
Accuracy:.....	± 0.01 in.
Temperature Range:.....	-30 to +50 °C

Ordering Information

5045-12	All Weather Rain Gauge with 12 inch Capacity
5045-20	All Weather Rain Gauge with 20 inch Capacity
5045-30	All Weather Rain Gauge with 30 inch Capacity
5045C	Sensor Cable



MODEL 5045-30 All Weather Rain Gauge with 30 inch Capacity and optional wind screen.