

## FTS AWP GAUGE



The FTS AWP (All Weather Precipitation) Gauge measures all types of precipitation within a wide temperature range. It is designed to withstand harsh wind and snow conditions without sacrificing sensitivity and accuracy. The AWP Gauge boasts a combination of simple mechanical construction and sophisticated firmware, guaranteeing superior performance.

The AWP Gauge is available with an orifice area of 200cm<sup>2</sup> (1500mm capacity) or 400cm<sup>2</sup> (750mm capacity), with either a 1m or 1.5m Pedestal and matching Wind Shield.

## Key Features:

- Measurements of solid and liquid precipitation with one-minute rain intensity, total sum of precipitation and rain duration
- Elimination of wind vibration, particles, unreal step change of weight, evaporation and temperature fluctuation
- Easy to maintain
- Evaluation and accuracy check “in situ”
- Bucket capacity alert function
- Orifice heating included
- Output: SDI-12
- Direct replacement of tipping bucket rain gauge
- Available with optional 1 meter or 1.5 meter Pedestal and matching Wind Shield.

## Specifications

	SDI-AWP-200	SDI-AWP-400
<b>Measurement</b>		
Orifice area	200cm <sup>2</sup>	400cm <sup>2</sup>
Capacity	1500mm	750mm
Accuracy	0.1%	
Maximum rain intensity	120mm/min	
Resolution	0.001mm	
Measuring element	strain-gauge bridge	
Air temperature measurement	optional, -40 - +70(±0.5)°C	
Wind correction	yes	
Wind shield	yes	
<b>Electrical &amp; Interface</b>		
Power supply	5 - 30V <sub>DC</sub> /4mA max	
Serial output	SDI-12	
<b>Mechanical</b>		
Dimensions	Ø385×650mm	Ø385×610mm
Weight	9.5kg	
<b>Environmental</b>		
Operating temperature range	-40 - +70°C	
Operating humidity range	0 - 100%	
Degree of protection	IP65	