

ALL WEATHER PRECIPITATION GAUGE



**Superior performance
in any condition**

The FTS All Weather Precipitation (AWP) 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.

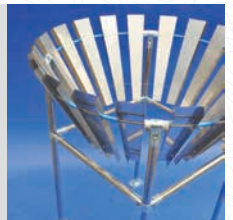
The AWP Gauge is available with an orifice area of 200cm² (1500mm capacity) or 400cm² (750mm capacity), with either a 1m or 1.5m Pedestal and matching Wind Shield.

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, false weight changes, evaporation and temperature fluctuation
- Easy to maintain
- Evaluation and accuracy check “in situ”
- Bucket capacity alert function
- Orifice heating optional
- Output: contact, RS-485, SDI-12



Pedestal in 1m or 1.5m (3.3 or 4.9ft) and matching Wind Shield available.



SPECIFICATIONS	SDI-AWP-200	SDI-AWP-400
MEASUREMENT		
ORIFICE AREA	200cm ² (31inches ²)	400cm ² (62inches ²)
GAUGE VOLUME	1500mm (59.06")	750mm (29.53")
ACCURACY	0.1%	
MAXIMUM RAIN INTENSITY	120mm/min (4.72")	
RESOLUTION	0.001mm	
MEASURING ELEMENT	Strain-gauge bridge	
AIR TEMPERATURE MEASUREMENT	Optional, -40° - +70°C	
WIND CORRECTION	Yes	
WIND SHIELD	Optional	
ELECTRICAL & INTERFACE		
POWER REQUIREMENTS	5..30VDC/4mA max	
HEATING SUPPLY (OPTIONAL)	10 - 30 vdc / 0.83 - 2.5A	
SERIAL OUTPUT	RS-485/SDI-12	
MECHANICAL		
DIMENSIONS	Ø385×650mm (15.16x24")	Ø385×610mm (15.16x25.60")
WEIGHT	9.5kg (20.94lb)	
ENVIRONMENTAL		
OPERATING TEMPERATURE RANGE	-40° - +70°C	
OPERATING HUMIDITY RANGE	0-100%	
INGRESS PROTECTION	IP65	

