

Tipping Bucket Precipitation Sensor

OUTSTANDING CHARACTERISTICS

- Measures in 0.25 , or 0.50 mm (0.1, 0.2 in) increments
- 20 cm diameter funnel
- Screen protection against falling debris
- Tough and Precise
- Incorporated bubblelevel indicator



DESCRIPTION

Water is collected by a 20 cm diameter funnel, which conduces it to the tipping mechanism adjusted to tip and dump when 0.25 or 0.50 mm of rain is collected.

Every time the tips bucket, a magnet closes momentarily a switch giving a digital pulse.

The funnel is designed in a way that prevents rebounds at high intensities, also a system of sieves prevents debris to reach the tipping bucket.

Each sensor is individually calibrated.

SPECIFICATION

Sensor:	Tipping bucket (Stainless Steel)
Resolution:	0.1; 0.2; 0.25 or 0.50 mm (0.1 or 0.2 inch)
Accuracy:	1% @25 mm/h; +/- 3% @ 50 mm/h
Gauge orifice:	200 mm (7,8 in)
Detector:	momentary closure of read switch
Dimensions:	254mm D, 435 mm H (10 x 17 inch)
Nivelation:	By bubble

ACCESSORIES

Hardware mounting pedestal, Model AS222.

Request for other specification

Made in Argentina

TECMES Instrumentos Especiales S.R.L.

Neuquén 1123-Buenos Aires, Argentina

Tel.(+54-11)4431-7206/4433-2548 – Fax (+54-11)4433-2986

tecmes@tecmes.com

<http://www.tecmes.com>