



## Conforms to National Weather Service Recommendation

### Aperçu

The TE525WS, manufactured by Texas Electronics, is a tipping-bucket rain gage that conforms to the National Weather Service recommendation for an 8 in. funnel orifice.

It measures rainfall in 0.01 in. increments. This tipping bucket is compatible with all Campbell Scientific dataloggers, and it is widely used in environmental monitoring applications.

### Avantages et caractéristiques

- › Compatible avec toutes les centrales d'acquisition Campbell Scientific (y compris la série CR200X)
- › La précision est de  $\pm 1\%$  jusqu'à 1 pouce / Heure
- › High precision—tips at 0.01-in. increments
- › Directly compatible with the CS705 Snowfall Adapter allowing the TE525WS to measure the water content of snow
- › Conforms to the National Weather Service recommendation for an 8-inch funnel orifice
- › Compatible avec les interfaces de la série CWS900, ce qui lui permet d'être utilisée dans un réseau de capteurs sans fil

### Description technique

The TE525WS funnels precipitation into a bucket mechanism that tips when filled to its calibrated level. A magnet attached to the tipping mechanism actuates a switch as the

bucket tips. The momentary switch closure is counted by the pulse-counting circuitry of our dataloggers.

### Spécifications

Type de capteur	Tipping bucket/magnetic reed switch
Matière	Anodized aluminum
Température	0° to 50°C
Résolution	1 tip
Volume par auget	8.25 ml/tip (0.28 fl. oz/tip)

Précipitation par basculement	0.254 mm (0.01 in.)
Précision	<ul style="list-style-type: none"> <li>› <math>\pm 1\%</math> (up to 1 in./h)</li> <li>› +0, -2.5% (1 to 2 in./h)</li> <li>› +0, -3.5% (2 to 3 in./h)</li> </ul>
Type de câble	2-conductor shielded cable
Diamètre du cône	20.3 cm (8 in.)

Hauteur	26.7 cm (10.5 in.)	Poids du câble	0.1 kg (0.2 lb) per 3.05-m (10-ft) length
		Poids du pluviomètre	1.0 kg (2.2 lb)

Pour plus d'informations, visitez le site : [www.campbellsci.fr/te525ws-l](http://www.campbellsci.fr/te525ws-l) 



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