



TE525METS

Rain Gage with 6 in. Orifice for MetSENS550



Overview

The TE525METS, manufactured by Texas Electronics, has a 6 in. orifice and measures rainfall in 0.01 in. increments. It is compatible with all Campbell Scientific data loggers, and it is

widely used in environmental monitoring applications. This rain gage has a special connector for attachment to the MetSENS550.

Benefits and Features

- ▶ Accuracy is ± 1 percent at rates up to 1 in./hr
- ▶ Compatible with most Campbell Scientific data loggers
- ▶ High precision—tips at 0.01-in. increments
- ▶ Compatible with the CWS900-series interfaces, allowing it to be used in a wireless sensor network

Detailed Description

The TE525METS 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 data loggers.

Specifications

| | |
|-----------------------------|-------------------------------------|
| Sensor Type | Tipping bucket/magnetic reed switch |
| Material | Anodized aluminum |
| Operating Temperature Range | 0° to 50°C |
| Resolution | 1 tip |
| Volume per Tip | 4.73 ml/tip (0.16 fl. oz/tip) |

| | |
|---------------------------|---|
| Rainfall per Tip | 0.254 mm (0.01 in.) |
| Accuracy | 1.0% up to 2 in./h (50 mm/h) |
| Cable Type | 2-conductor shielded |
| Funnel Collector Diameter | 15.4 cm (6.06 in) |
| Height | 24.1 cm (9.5 in.) |
| Cable Weight | 0.1 kg (0.2 lb) per 3.05-m (10-ft) length |



Tipping Bucket Weight 0.9 kg (2.0 lb)

For comprehensive details, visit: www.campbellsci.com/te525mets



Campbell Scientific, Inc. | 815 W 1800 N | Logan, UT 84321-1784 | (435) 227-9120 | www.campbellsci.com
AUSTRALIA | BRAZIL | CANADA | CHINA | COSTA RICA | FRANCE | GERMANY | INDIA | SOUTH AFRICA | SPAIN | THAILAND | UK | [USA](#)

© 2025 Campbell Scientific, Inc. | 12/31/2025