

Allocate one field calibrator for each Tipping Bucket Rain Gauge

Easy, Fast and Precise field calibration

A stepping-stone to explore your market

To whom it may concern:

According to the recent guidance from WSC in collecting precipitation data and the requirements from WMO for precipitation data on AWS, there is an increasing need for reliable calibration and field verification procedures and associated equipment.

Due to current calibrators were designed mainly to provide a constant flow rate, TWSI developed the precise calibrator TW-271C with superiorities on the convenient switch for various flow rates, without removing dispenser to pour water, and the "Last Tip" cylinder for high resolution in short time. TWSI also provides an easy calibrator TW-270C at very low cost. It is very possible to allocate calibrator for tipping bucket rain gauge in every station as we fulfill with **two offers**, one **precise model at price at \$95** and another **easy model at price\$65**. TWSI also makes a smart counter TW-371D compatible to TW-271C or any other calibrator to provide timely messages. It is very useful in the field including sites where monitoring equipment has no local display capability.

Precise TBRG Calibrator TW-271C:

1. User friendly design on foolproof bottle for time saving and calculation mistake reduction
2. Making possible by less water and short time to reach great accuracy and providing a dynamic calibration
3. **No need to open the bottle for water pouring in multiple processes of calibration**

Easy TBRG Calibrator TW-270C

1. Very Low cost and easy operation for basic calibration
2. Foolproof bottle to have preset volume of water by specific fill line marked with desired round number tips

Smart TBRG Counter TW-371D

TW371D with a large LCD display executes timely counting functions and data recall that contribute to the much higher efficiency on the calibration of tipping bucket rain gauge. It could show including the counts of bucket tips, the duration of switch closure and the time intervals of each tipping with reference to the mechanical status of rain gauge for correction if necessary. Moreover, TW371D would store 3 times of counts and the last five time intervals in use of such as rainfall intensity calculation. It should be a best tool to fulfill the dynamic calibration. The last two intervals of the tipping using TW-271C can achieve high resolution. It is a best tool for dynamic calibration.

Other related products for system upgrade are as below:

- ◎ **Wireless rainfall transmitter with calibration function**
- ◎ **Early warning StormPanel with calibration function**

TWSI is continuously working out the innovative products and solutions series which are ideal for setting up economical automatic "community based early warning system for flash flood and landslide/debris flow". We aim to provide simple, no technique required products to initiate the product spread. TBRG calibrator is just a stepping-stone for implementing rain station upgrade.

Contact TWSI at hycom.tws@msa.hinet.net, and we will offer the best possible Early Bird deals to extend your customer base. Any suggestion is welcomed to explore the market potential.