

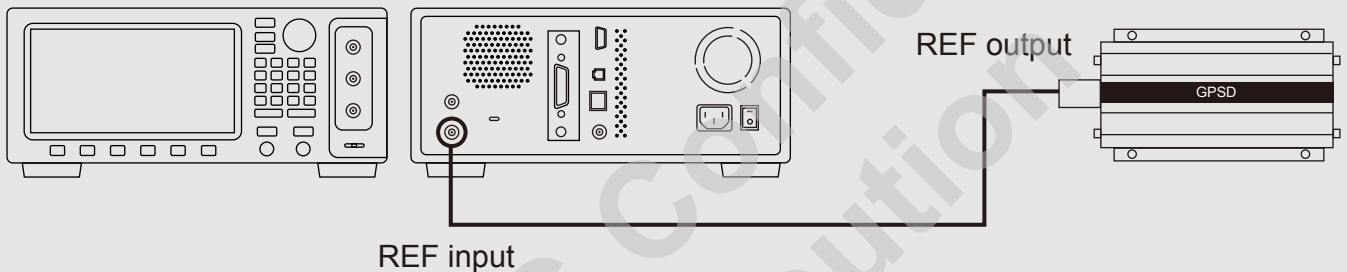
# GPS高準確信號參考源產生器

## GPS High Accuracy Reference Source Generators



Model :

# WS-GPSD



**WS-GPSD**是一款高準確度頻率參考源儀器，內置高精準度GPS接收器，透過全球衛星定位系統進行頻率校正。校正後10MHz訊號參考源誤差率在 $\pm 0.1$ ppm以內，可校正各種射頻測量儀器。

本產品適用於各種具有10MHz參考源的精密儀器，如Spectrum analyzer、Signal generator....等儀器。可自行修正頻偏問題，不需再送原廠校正頻率。

內置300mAh Li-ion鋰離子電池，即使室內收訊不佳，也可攜出至室外進行校正，不須再外接電源，方便使用。

### 規格

- 輸出訊號：10MHz
- 輸出功率：-6dBm
- 頻率準確度及飄移度： $\pm 0.1$ ppm以內
- 輸出端子：BNC
- 輸入電壓：5V
- GPS天線端子：MCX
- 鋰電池容量：300mAh

**WS-GPSD** is a high accuracy frequency reference source instrument with built-in high precision GPS receiver. Frequency calibration is made by utilizing global positioning system. After calibration the error rate of the signal reference source can be controlled within  $\pm 0.1$  ppm. WS-GPSD can calibrate any radio frequency measuring instruments.

This product is suitable for a variety of precision instrument with 10MHz reference source, such as Spectrum analyzer, Signal generator, etc. WS-GPSD can automatically adjust frequency offset problem; therefore, there is no need to send the testing instrument back to the original manufacturer for calibration. WS-GPSD has built-in 300 mAh Li-ion battery. If the receiving signal is in poor condition indoor, WS-GPSD can still conduct frequency calibration outdoor without the need to connect to external power supply.

### Specifications

- Output signal : 10MHz
- Output power : -6dBm
- Frequency accuracy and drift degrees : within  $\pm 0.1$ ppm
- Output terminal : BNC
- Input voltage : 5V
- GPS antenna terminal : MCX
- Lithium battery capacity : 300mAh