



**PRA**XYSYM

**CW Test Transmitter**

310-010108-014

*PST*



www.praxsym.com

*Designed to provide test frequencies in wireless Bands*

- **Calibrated RF output level**
- **Backlit LCD touchscreen Display**
- **Reduced test times, using the scanning feature and 8 saved output configurations.**
- **Use as a test source to evaluate Indoor and outdoor wireless coverage**
- **Use as an input source to test a Distributed Antenna System and replicate a live network environment**

The *PST* Transmitter is a complete, portable continuous wave (CW) test source capable of transmitting test signals on two channels simultaneously. The output from each channel can be enabled independently. Frequency and output level for each channel can be set from the touch keys on the front panel or the LCD touchscreen display. Each channel contains four *Setups*. *Setups* allow the user to input up to four output configurations per channel. These configurations are saved for use in a future test. *Scan Mode*, allows users to scan through the saved *Setups* at a user selected rate (Dwell Time). Dwell times can be set as low as 0.25 s, which allows the user to measure up to eight different frequencies with one pass through a venue. Dwell times as high as 1.5 min are also available for test procedures which require longer amounts of time.

The transmitter can be powered using the internal 6 AA rechargeable batteries for 6 hours of continuous operation or from the AC/DC wall adapter included. Recharging takes 2 hours.

RF Output	2 Ports, N-type Female
Channel 1 Frequency Characteristics	<b>Band 1</b> Frequency Range: 617-652/663-698 MHz <b>Band 2</b> Frequency Range: 698-960 MHz Channel Spacing: 10, 12.5, 30, & 200 kHz, 1.25 MHz
Channel 2 Frequency Characteristics	<b>Band 1</b> Frequency Range: 1710-2170 MHz <b>Band 2</b> Frequency Range: 2305-2320 MHz and 2345-2360 MHz <b>Band 3</b> Frequency Range: 2495-2690 MHz Channel Spacing: 50, 60, & 100 kHz, 1 MHz, 1.25 MHz
Output Power	-10 to +12 dBm Adjustable: 0.1 dBm
Channel <i>Setups</i>	4 Per Channel
Scan Mode Dwell Time	0.2 to 99.9 Seconds
Harmonics	< -40 dBc
Temperature Range	0-50 °C
Power	AC or DC Rechargeable Batteries
Battery Operating Time	6 hours, Both Channels Transmitting Full Power
External Dimensions	7"x5"x3"
Weight	4 lbs