



A Touch-Free, Over-the-Air Radio Waveform Analyzer

## PX-900C Portable Instrument Product Sheet



The DiagnostX™ PX-900C Portable Instrument for **P25 Conventional radio systems** is a self-calibrating radio waveform analyzer that enables Federal agencies, the U.S. military, and Public Safety to identify two-way radios in need of service. It measures a radio's alignment and operating characteristics, touch-free, over-the-air, in real-time, without user intervention.



### PX-900C Specifications

- Protocol: P25 Conventional
- Available Frequency Bands: VHF; UHF; 700/800 MHz (uplink frequencies only); and 900 MHz
- Encryption: AES
- Self Calibrating
- A stand-alone instrument that operates on standard AC or its own DC power (~6 hours)
- Generates reports identifying radios in need of maintenance and validates the alignment characteristics of the other radios
- Weight: 11 lbs. (approximately)
- Hard Case: MIL-SPEC-certified - MIL-STD-810F (Immersion)
- Power Requirement: 12VDC/1.5A
- Measurements: 14" W x 10" H x 4" D



To learn more about the DiagnostX PX-900C Portable Instrument, contact Joseph Rey at (321) 727-3077 ext. 102 or [jrey@locususa.com](mailto:jrey@locususa.com).

#### Patent Nos.

United States: #8,565,096, #8,600,371, #8,825,042, #8,948,022, #9,282,482, #9,432,866, #9,681,321, #9,743,302, #9,961,578, #10,200,902, #10,244,417, #10,609,585, #10,659,982  
Canadian: #2,746,238 • Australian: #2010235881, #2012253596 #2015203442 • Other patents pending.

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