



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

PX-900T Portable Instrument Product Sheet

Radio ID	Alias	Dept Name	FE	SFE600	SFE1800	MF	ASD	Status	DateTime
1234		1234			0	0		0	0
7123401					60	1		0	3
7123402			NEVER RECEIVED		1/31/2022 3:25:09 PM				
7123403			PASSED		01/24/2022 14:46:21				
7123404			NOT ENOUGH		01/01/0001 00:00:00				
7123405			FAILED		01/24/2022 14:59:33				
7123406			PASSED		01/31/2022 15:16:29				
7123407			NOT SUITABLE		01/24/2022 14:59:35				

Reason Failed Chart

Category	Failed Number
RFFE	2
MF	1
SFE600	1
SFE1800	1
ASD	1

System Status Chart

Status	Count
Passed	2
Failed	1
Not Enough	1
Not Suitable	1
Never	1

The DiagnostX™ PX-900T Portable Instrument for **P25 Trunk 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-900T Specifications

- Protocol: P25 Trunk
- 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-900T Portable Instrument, contact Joseph Rey at (321) 727-3077 ext. 102 or 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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