

Fluke ii900 Sonic Leak Detection Industrial Imager



Fluke ii900



A fast, simple way to detect compressed air, steam, gas and vacuum leaks.

Equipped with an array of microphones for an expanded field-of-view, the handheld Fluke ii900 Sonic Industrial Imager enables maintenance teams to quickly and accurately locate air, gas and vacuum leaks in compressed air systems; even in noisy environments

- 17.78 cm (7 in) 1280 × 800 LCD with capacitive touchscreen
- Frequency band of 2 kHz to 52 kHz (detected 150 ml/min leak at 7 bar for 10 mins)
- SoundMap™ overlay for visual leak detection
- Capture images in JPEG or PNG format with user input notes function
- Capture videos in MP4 format
- Manual frequency filtering
- Two-year warranty

SoundSight™ Technology

Specifically designed for noisy production facilities, new SoundSight™ technology is simple to learn and easy to implement. The 7" LCD touchscreen overlays a SoundMap™ on a visual image for quick leak location identification. The straightforward, intuitive interface allows technicians to isolate the sound frequency of the leak to filter out loud background noise. In a matter of hours, the team can inspect the entire plant during peak operations. For the first time, you can quickly and easily identify the air leak repairs needed to ensure efficient operations and reduce utility bills. Images can be saved and exported for reporting purposes. Never leave air leaks unattended again.

With minimal training, the ii900 enables you to:

- Quickly and easily locate leaks
- Optimize air compressors—delay the capital expense of installing additional compressors
- Ensure proper air pressure to pneumatic equipment
- Lower energy and gas costs
- Reduce leak detection time
- Improve reliability of the production line
- Make leak detection part of the typical maintenance routine
- Train the team in a matter of minutes
- Validate repairs on the spot

Key Features		ii900
Sensor		
# of Microphones		64 digital MEMS microphones
Frequency Band		2 kHz to 52 kHz
Sound Pressure Sensitivity		150 ml/min leak at 7 bar from 10 meters
Operational Distance Range		0.5 to 50 meters (1.64 to 164 ft)
Built-in Digital Camera (visible light)		
Field of view		63°± 5°
Focus		Fixed lens
Acoustic Measurements		
Measurement Range		15.4 dB SPL to 115.2 dB SPL ±1 dB SPL 2 kHz 5.6 dB SPL to 102.5 dB SPL ±2 dB SPL 19 kHz 28.4 dB SPL to 131.1 dB SPL ±1 dB SPL 35 kHz 41.8 dB SPL to 133.1 dB SPL ±3 dB SPL 52 kHz
General Specifications		
Battery Life		6 hours/battery (product includes spare battery)
Ingress Protection (main unit)		IP40 protection against particles 1mm or greater
Sensor Head Rating		IP51 protection against dust and dripping water

Try the Virtual Demo

See sound now. Take a virtual tour of the Fluke ii900 and ii910 Acoustic Imagers.



acousticimaging.fluke.com



Fluke Premium Care plans are available for this product. Premium Care plans provide coverage above and beyond your tool's original product warranty. See pages 12 - 13.

Ordering Information

FPC1S-II900-1	Fluke II900 Standard 1 Year
FPC3S-II900-1	Fluke II900 Standard 3 Year
FLUKE-II900/ FPC	Fluke ii900 with Standard 1 Year Bundle

Recommended Accessories



BP291
4500 mAh capacity
Li-ion Battery



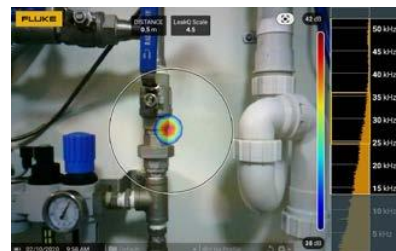
EBC290
External
Battery Charger



FLK-TIX5XX-NECK
Neck Strap



CXT1000
Hard Carry Case



Included Accessories

AC Power Supply, Battery Pack Charger, Two Lithium-ion Smart Battery Packs, USB Cable, Rugged, Hard Carrying Case, Two Rubber Array Covers, Adjustable Hand Strap and Neck Strap.

Ordering Information

Fluke-II900	Sonic Industrial Imager
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Contact your local distributor for price and availability.
fluke.com/wtb