

Fluke ii910 Precision Acoustic Imager



Fluke ii910

A fast, easy way to detect, locate and analyze partial discharge in one tool.

The ii910 is the all-in-one tool maintenance teams have been waiting for when it comes to leak and partial discharge (PD) issues. Quickly scan the environment and get all the pictures/videos you need with simple one-button capture. No additional tools, equipment or cumbersome cables required. The ii910 Acoustic Imager's ground-breaking technology makes it a cost-efficient, safe, effective, and comfortable tool for teams who inspect and maintain power distribution and industrial high voltage equipment.

- 17.78 cm (7 in) 1280 × 800 LCD with capacitive touchscreen
- Detection range of 0.5 m to 120 m
- Frequency band of 2 kHz to 100 kHz
- SoundMap™ overlay for visual PD detection
- Captures videos in MP4 format
- Manual frequency filtering
- Two-year warranty

SoundSight™ Technology for partial discharge detection

Partial Discharge is a very serious issue that you need to be able to monitor quickly and easily. Whether you are inspecting insulators, transformers, switch gears or high voltage powerlines you need to be sure that you spot a problem quickly and early. Partial discharge that goes unchecked can cause blackouts, fires, explosions, or death from arc flashes. In addition to the danger that partial discharge poses to human lives and the environment, there is a significant monetary risk of downtime. Having equipment go down can cost millions of dollars per hour of downtime.

The Fluke ii910 Precision Acoustic Imager is the perfect tool for teams that are constantly inspecting and maintaining power distribution and industrial high voltage equipment. The ii910 provides a safe quick and easy way to detect and locate partial discharge in order to maintain high voltage equipment and prevent catastrophic events. With SoundSight™ technology the ii910 translates the sounds that it hears into a visual representation so that you can quickly locate problem areas. The higher frequency capability of the ii910 allows for earlier detection to facilitate early maintenance planning.

Key Features		ii910
Sensor		
Frequency Band		2 kHz to 100 kHz
Nominal Frame Rate		25 fps
Detection Range		0.5 to 120 m (1.64 to 393.7 ft)
Built-in Digital Camera (visible light)		
Field of View		63° ±5°
Focus		Fixed lens
Display		
Size		22.86 cm (7 in) LCD with backlight, under-sunlight readable
Resolution		1280 × 800 (1,024,000 pixels)
Touchscreen		Capacitive
Acoustic Image		Yes, SoundMap™ image
Acoustic Measurements		
Measurement Range		12.1 dB SPL to 114.6 dB SPL ±1 dB SPL 2 kHz 4.4 dB SPL to 101.2 dB SPL ±2 dB SPL 19 kHz 12.8 dB SPL to 119.2 dB SPL ±1 dB SPL 35 kHz 19.8 dB SPL to 116.1 dB SPL ±3 dB SPL 52 kHz 41.4 dB SPL to 129.0 dB SPL ±1 dB SPL 80 kHz 54.4 dB SPL to 135.5 dB SPL ±1 dB SPL 100 kHz
Auto Max/Min dB Gain		Auto or manual, user selectable
Frequency Band Selection		User selectable through user-made pre-sets or manual entry
General Specifications		
Battery Life		6 hours/battery (product includes spare battery)
Main Unit Rating		IP40 protection against particles 1 mm or greater
Weight		2.15 kg (4.74 lbs)
General Safety		IEC 61010-1

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 and Neck Strap.

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Contact your local distributor for price and availability.
fluke.com/wtb

