



FLIR Acoustic Tester

Revision: 06/06/2024

P/N: T912406

Acoustic camera tester including table tripod



General description	
<p>Use the acoustic camera tester to check the accuracy of the FLIR acoustic imaging cameras. The tester generates a sound signal that is recognized and evaluated by the camera. The dB-level of the signal can be used to ensure a correct level of readings and also the condition of the microphone array.</p> <p>The acoustic camera tester contains samples of sounds compatible with the camera modes for demonstration that simulates different types of partial discharges, typical gas leaks and mechanical fault sounds.</p> <p>It is recommended to check the Si-series acoustic cameras every six months with the acoustic tester, especially if you have dropped it, it has suffered a blow, or if it has gathered a significant amount of dust.</p>	
Acoustic specifications	
Frequency range	2 kHz to 90 kHz
Modes of operation	Calibration - Test signal for checking the accuracy of the acoustic cameras PD1 - Corona discharge sound PD2 - Floating discharge sound PD3 - Surface discharge sound Leak - Compressed gas leak sound Mech - Mechanical fault sound

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Physical data	
Power input	Input voltage: 12 – 18 VDC Nominal input: 14.6 VDC, 2 A max
Weight	273 g (0.6 lb)
Size (L × W × H)	160 x 80 x 70 mm (6.3x 3.1 x 2.8 in)
Tripod mounting	Quick release mount

Environmental data	
Operating temperature	-10°C – +40°C (14°F – 104°F)
Humidity	Recommended 0–90% (Non-Condensing)
Protection class	IP40

Power Supply Specifications	
Input voltage range	90 - 264 VAC
Input current	1.3 A max @ 100 - 240 VAC
AC inlet	IEC 320 C8 AC Inlet
Output voltage	8 - 14.6 VDC
Output current	4.0 A max
Output power	58.4 W max
Operating temperature	-20°C – +45°C (-4°F – 113°F)
Humidity	10–90% r.H.
Power supply size	96 x 46 x 33 mm (3.77 x 1.81 x 1.29 in)
Power supply weight	250 g (0.55 lb) without input cable

Shipping information	
Packaging, type	Cardboard box
Packaging, contents	<ul style="list-style-type: none">• Acoustic camera tester• Table tripod with quick release mount• Documentation
Packaging, weight	1.70 kg (3.75 lb)

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Packaging, size	390 x 290 x 300 mm (15.4 x 11.4 x 11.8 in)
EAN-13	7332558028612
UPC-12	845188025588
Country of origin	Finland

Compatible with the following products:

- Si124, Si124-LD, Si124-PD, Si124-LD Plus
- Si2-PRO, Si2-LD, Si2-PD

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