FLIR Acoustic Tester

Revision: 06/06/2024

P/N: T912406

Acoustic camera tester including table tripod



General description
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. 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. 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.

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

FLIR Acoustic Tester

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	• Acoustic camera tester • Table tripod with quick release mount • Documentation
Packaging, weight	1.70 kg (3.75 lb)

FLIR Acoustic Tester

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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