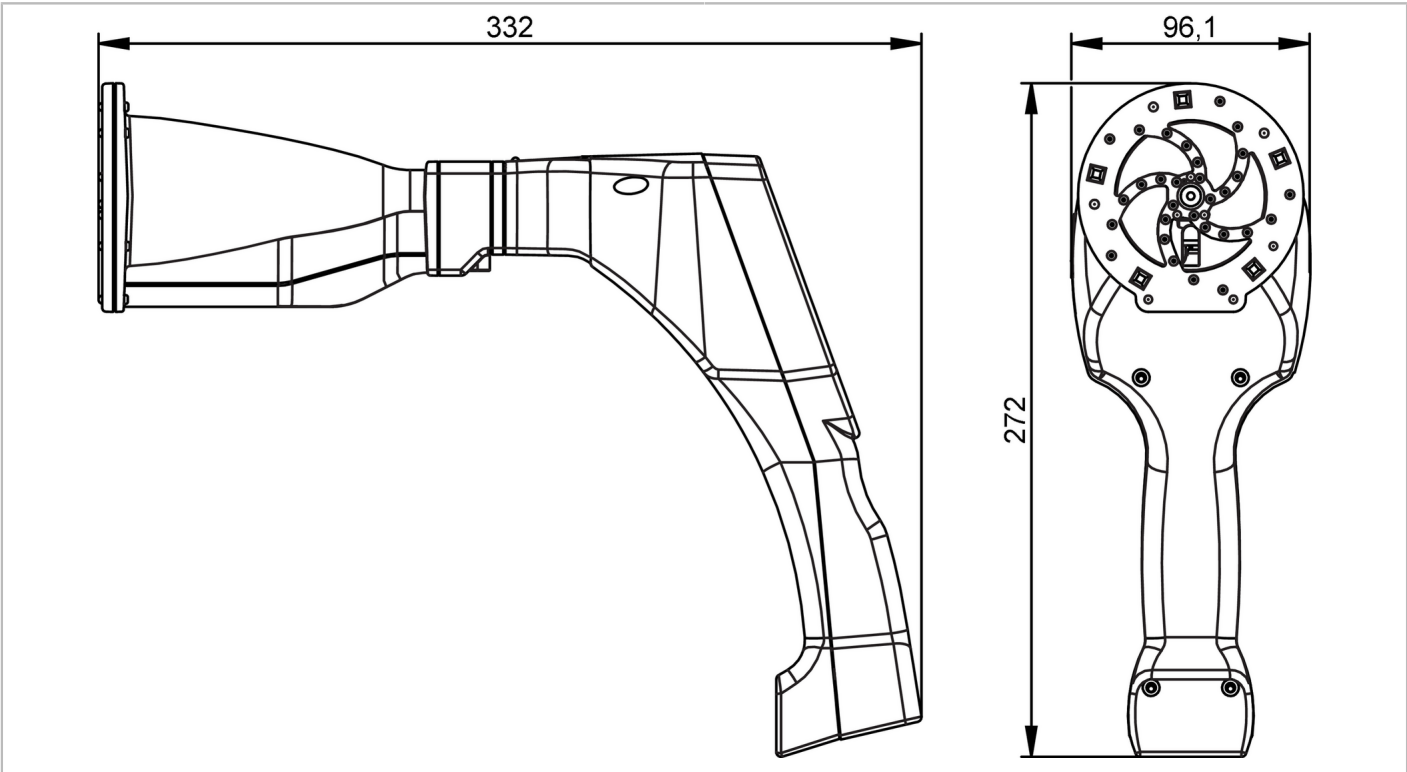


SDL100



Hand-held device for the location of leaks

ULTRASOUND CAMERA



Application		
Application	[m]	1...6
Application		for industrial indoor applications
Media		compressed air; nitrogen (N2)
Electrical data		
Operating voltage	[V]	7.4 DC; (rechargeable lithium-ion battery; permanent operation: approx. 6 h ; maximum charging time 4 h)
Type of light		Infrared light
Monitoring range		
Wave length range	[nm]	645...660
Measuring/setting range		
Frequency range	[kHz]	40; (± 2)
Measuring principle		30 MEMS microphones
Measuring range	[l/min]	> 0.1
Note on measuring range		5 m distance at 6 bar
Accuracy / deviations		
Accuracy		± 2 dB
Software / programming		
Parameter setting options		via PC using leak report software
Interfaces		
Communication interface		USB; WLAN



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Operating conditions		
Ambient temperature	[°C]	-5...50
Storage temperature	[°C]	-20...60
Max. relative air humidity	[%]	95
Max. height above sea level	[m]	4000
Protection		IP 20
Pollution degree		2
Tests / approvals		
EMC	DIN EN IEC 61326-1 : 2022-11	
	DIN EN 55011 : 2022-05	
Laser protection class		2
Notes on laser protection	Caution - Laser light	
	Power: <1 mW	
	Wave length: 645...660 nm	
	Do not stare into beam.	
	Avoid exposure to the laser light.	
	laser class: 2	
Mechanical data		
Weight	[g]	4527.4
Housing		rectangular
Type of mounting		portable hand-held device
Dimensions	[mm]	272 x 96.1 x 332
Displays / operating elements		
Display	3.5" - TFT touch panel transmissive	
Language	English; German; Spanish; Italian; Danish; Polish; French; Portuguese; Romanian; Czech	
Operating elements	4 capacitive pushbuttons	
Data memory		
Memory size	16 GB	
Accessories		
Items supplied	external battery charger	
	Leak Tag Block	
	USB stick	
	Leak report Software	
	headphones, jack plug 3,5 mm	
Remarks		
Remarks	brightness sensor activates LEDs in dark environments	
	auto level: automatically adjusts the sensitivity to the environment and suppresses background noise	
	function for estimating leakages (l/min or cfm) and the resulting costs per year	
	integrated laser distance measurement	
	the leakage can be heard from a greater distance; the user must approach the leakage to locate it accurately	
Pack quantity	1 pcs.	

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Electrical connection - USB interface

Connector: USB

