

LD 500/510 - Leak detector with camera - indicates leakage rate in l/min and costs in €

The LD 500
meets the
requirements of Class
I „Standard Test
Method for Leaks with
ultrasound“
(ASTM Int. - E1002-5)
✓



Find out your leak rate (l/min)
and potential saving (€/year)



Find the smallest leaks in
far distance



Auto level: adapts the
sensitivity automatically to the
environment and eliminates
the ambient noise reliably



Photograph leaking parts



Describe the leak and
necessary actions



Transmit the leak details via
USB to your desktop software



Create an ISO 50001 report



Seek the leak the whole
day (9 hours)

Costs per year						
Pressure	Leak size - Diameter (mm)					
	0,5 mm	1,0 mm	1,5 mm	2,0 mm	2,5 mm	3,0 mm
3 bar	90 €	361 €	812 €	1.444 €	2.256 €	3.248 €
4 bar	113 €	451 €	1.015 €	1.805 €	2.820 €	4.061 €
5 bar	135 €	541 €	1.218 €	2.166 €	3.384 €	4.873 €
6 bar	158 €	632 €	1.421 €	2.527 €	3.948 €	5.685 €
7 bar	180 €	722 €	1.624 €	2.888 €	4.512 €	6.497 €
8 bar	203 €	812 €	1.827 €	3.248 €	5.076 €	7.309 €

Table: Leakage costs within one year in case of operation 24 h/365 days,
calculated with compressed air costs of 1.9 ct/Nm³.

LD 500/510 is a consistent advancement

The new leak meters LD 500/510 with integrated camera and leakage calculation are ideal measuring instruments which help to find and document even smallest leakages (0.1 l/min corresponds to approx. 1 € per year) easily even in far distances.

LD 510 is the worldwide first leak meter with an additional freely assignable sensor input for all CS sensors. In addition to the leakage measurement and detection also all necessary measurements with regards to dew point, flow, pressure, and temperature ... can be carried out.



Leak detection at:

- Compressed air, gas, steam and vacuum systems
- Steam Traps
- Seals



The noise-proof headset enables the leak detection also in EXTREMELY loud ambient. The ambient noise will be faded out, the leakage (inaudible ultrasonic sound) will be transformed to an audible signal. The laser grants an exact locating.

Accessories



Acoustic trumpet

bundles the acoustic waves of smallest leakages, disturbing ambient noise will be eliminated



Focus tube with focus tip for precise locating of smallest leakages in narrow areas



Optionally available:

Gooseneck enables a positioning of the leakage on the spot – even in case of hardly accessible locations. Noise is hidden.



Parabolic mirror:

for leak detection at long distances. Laser pointer and camera integrated.