



C4-3-033-R400

LeakSpy^{C4} for gas mixtures with C4-FN

For quick detection and quantification of smallest leaks

The cordless battery-operated LEAKSPY^{C4} precisely measures the C4-FN concentration in air by means of a non-dispersive infrared sensor (NDIR sensor) and indicates the value on a graphic display in ppm. The device allows precise localisation of leaks by searching the highest C4-FN concentration. Thanks to the high resolution and detection limit, it is also possible to carry out integral measurements as well as measurements to determine the resolution and detection limit by means of this device.

To protect the device from particles the sensor is equipped with a filter which can be cleaned and/or exchanged easily by the operator. In case there is C4-FN contamination already existing, the LEAKSPY^{C4} can be set to this value. Thus, it is possible to detect leaks even in already contaminated areas. The C4-FN concentration is indicated in ppm as well as by an audible signal.



The actual product may differ slightly from the image.

Standard version

- shoulder belt
- measuring sensor extension (length: 1 m)
- transport case
- battery charger
- 1 accumulator
- separate charging unit

Special features

- Gas type: C4-FN

Advantages & functions

- detection of leaks up to $1,8 \times 10^{-5}$ mbar L / s
- quick response time
- no cross sensitivity to moisture and most volatile organic compounds (VOCs)
- small, lightweight, easy to use
- battery-operated (operating time min. 12 hours)
- exchangeable accumulator (parallel loading of a second accumulator in separate charging unit possible)

Technical data

Dimensions (W x H x D)	125 x 142 x 280 mm 555 mm with measuring sensor
Length	300 mm Measuring sensor
Weight	1.580 kg
Power supply	lithium ion batteries (operating time > 12 hours)
Response time	<1 sec T90
Detection limit	3 ppm C4-FN
Ambient moisture	0 to 100 % non-condensing
Storage temperature	-10 to +60 °C
Operating temperature	0 to +50 °C
Measuring principle	0 to +50 non-dispersive infrared sensor (NDIR)
Indication	graphic display + acoustic signal
Resolution	1 ppm
Accuracy	$\leq 50: \leq 2$ ppm
Accuracy	50 – 100: ≤ 2 ppm
Accuracy	100 – 1000: ≤ 2 % of measuring range
Indication unit	ppm, g/y, cc/s
Measuring range	0 – 1,000 ppm C4-FN

Optional accessories

05-1964-R001	Shoulder belt
3-033-R200-21	Measuring hose
3-033-R200-20	Sensor
05-1177-R010	Particle filter
05-1894-R001	Transparent cap
05-1547-R006	Additional accumulator
05-1522-R008	Carrier case (for replacement) without foam lining
05-0898-R014	Foam lining for carrier case