

# Leakage Detector for Refrigerants

## testo 316-4

**testo 316-4 Set 1 the fast and reliable leakage detector for all common refrigerants**

**testo 316-4 Set 2 specially for ammonia.**

The sensor is permanently monitored and shows malfunctions or contamination in the display. The use of test leaks is thus no longer necessary. If dirty, the sensor can be easily cleaned and is immediately ready for use again.

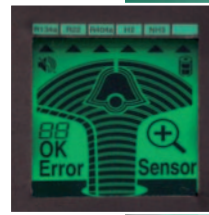
When leaks are detected, the display changes from green to red. An audible signal additionally informs of leakages detected. Using the earplug, the testo 316 can also be used in loud surroundings. The maximum indicator function shows maximum leakages and so facilitates the identification of leakage locations. The flexible gooseneck allows the optimum positioning of the sensor close to the piping or the leakage location.

A simple change of sensor by the user turns the 316-4 into an ammonia detector.

- Very long sensor life
- Optical and audible alarm
- Permanent sensor check
- Easy sensor change by the user
- Earplug socket for secure localization of leakages in loud surroundings



Easy sensor change by the user



Permanent sensor check



Maximum indicator shows maximum leakages



Fast and reliable detection of leakages, e.g. in refrigeration systems and heat pumps

### testo 316-4 Set 1

Set 1 consisting of testo 316-4, sensor head refr. (CFC, HCFC, HFC, H<sub>2</sub>), case, mains charging unit, earplug)

**Part no. 0563 3164**

### testo 316-4 Set 2

Set 2 consisting of testo 316-4, sensor head NH<sub>3</sub>, case, mains charger unit, earplug

**Part no. 0563 3165**

Accessories Ordering data	Part no.
Spare head for refrigerants (CFC, HCFC, HFC, H <sub>2</sub> )	0554 3180
Spare head for ammonia (NH <sub>3</sub> )	0554 3181

Technical data	
Meas. parameter	g/a
Detectable	R134a, R22, R404a, H <sub>2</sub> and all common refrigerants such as CFC, HCFC, HFC NH <sub>3</sub> (separate sensor head)
lower reaction threshold	3 g/a
Reaction time	<1 s
Leakage alarm	optical and audible alarm
Complies with:	1g/year sensitivity acc. to EN 14624 and E 35-422
Length of gooseneck	370 mm
Start-up time	<50 s (0 to +50 °C) <80 s (-20 to 0 °C)
Oper. temp.	-20 to +50 °C
Oper. humidity	20 to 80 %RH
Storage temp.	-25 to +70 °C
Power supply	1 battery block (6 cells NiMh)
Battery life	6 h (Continuous operation)
Dimensions	190 x 57 x 42 mm
Weight	348 g
Warranty	24 months (instrument and sensor)