



Data sheet
testo 515

New

Intrinsically Safe Combination Leak Detector

testo 515 Ex – Combination leak detector for refrigerants and flammable gases with intrinsically safe certification.



ppm

Vol. %

%LEL

– High sensitivity

Detects leak rates down to 1 g/a

– Fast

Advanced fan suction for rapid response and recovery time < 2sec

– Convenient

Leak detection via flexible and robust gooseneck

– Easy & reliable

Selectable colored display modes (numeric, bar graph, trend curve) for intuitive leak analysis

– 2-in-1

Detection of refrigerants and flammable gases

– Safe

Operation in potentially explosive environments UL/CSA: Class I, Division 2, UL/CSA 60079-0, UL/CSA 60079-11 certification

– Alerting

Audio and vibration alarms

The testo 515 Ex combines fast and reliable performance with user-friendly design.

Leak rates down to 1 g/a can be detected, ensuring high sensitivity and long-term sensor stability.

An advanced fan suction delivers response and recovery times of less than 2 seconds, enabling fast leak localization.

The flexible gooseneck allows safe and reliable detection even in tight or difficult-to-access areas.

Selectable display modes with color graph and trend curve visualization enable clear monitoring of leak progression and precise pinpoint detection.

Interchangeable sensors enable 2-in-1 detection of refrigerants and flammable gases.

Intrinsically safe certification ensures safe and reliable operation in potentially explosive environments.

Subject to change. XXXX 0944/dk/06.2026 – © Testo

www.testo.com

Technical data

testo 515

Detection parameters	ppm, Vol. %, %LEL
Gases	methane, propane, butane, hydrogen (forming gas)
Refrigerants	HCFC, HFC, HFO, HCFO, HC (R290), and blends
Detection range	methane: 1 ppm ... 1,0 Vol. % CH ₄ propane: 1 ppm ... 1,0 Vol. % C ₃ H ₈ butane: 1 ppm ... 1,0 Vol. % C ₄ H ₁₀ hydrogen: 1 ppm ... 1,0 Vol. % H ₂
Resolution	1 ppm 0.1 Vol. % (> 999 ppm)
Response time	< 2 sec
Leak alarm	optical, audible, vibration
Sensitivity	1 g/a – High+ 3 g/a – High 14 g/a – Low

General technical data

Operating temperature	14 ... 122 °F
Operating humidity	10 ... 80 %rH
Storage temperature	- 4 ... 140 °F
Battery type	3400 mAh rechargeable Lithium-ion battery
Battery life	8 h
Dimensions	5,20 × 2,36 × 1,46 in (L x W x H)
Probe length with sensor	11,61 inches
Weight	10,26 oz
Ex protection	UL CSA 60079-0, UL/CSA 60079-11, Class I, Zone 2



Device models & accessories

Device models

testo 515 Ex

Intrinsically Safe Combination Gas & Refrigerant Leak Detector (Gas sensor only)



- Softcase
- Filters
- Protection cap
- 1x Gas sensor
- USB-C cable

Order number
0563 1515 01

testo 515 Ex

Intrinsically Safe Combination Gas & Refrigerant Leak Detector (Includes both sensors)



- Softcase
- Filters
- Protection cap
- 1x Gas sensor
- 1x Refrigeration sensor
- USB-C cable

Order number
0563 0515 01

testo 515 Ex - Refrigeration

Combination leak detector for refrigerants with intrinsically safe



- Softcase
- Filters
- Protection cap
- 1x Refrigeration sensor
- USB-C cable

Order number
0563 2515 01

Accessories

Gas sensor



Order number
0554 3515

Refrigeration sensor



Order number
0554 4515