



PORTABLE MULTI GAS DETECTOR MGT-P / MGT-N

PART.NO. 1161310 / 1161316

PORTABLE GASDETECTOR LEL, O₂, H₂S & CO

GENERAL INFORMATION

- Multi-gas detector up to 4 gases
- Compact/thin and lightweight (240 grams)
- Visual, acoustic and vibration alarm
- Ex certified
- Display with backlight
- Simple one button operation
- Shock resistant housing
- Rechargeable
- Mode setting and event logging possibility
- Available with a catalytic- or an infrared LEL sensor

Attention: Only the MGT-P is suitable for detection of Hydrogen and Acetylene.

MULTI GAS DETECTION MADE EASY!

The MGT offers the versatility of a multi-gas detector with the simplicity of a single button operation. This compact multi-gas detector is suitable for detecting oxygen, toxic and flammable gases. Before an unsafe situation arises, the detector alarms with a powerful acoustic signal, intense flashing red LED display including a vibration alarm. Hear, see and feel!

USER-FRIENDLY.

The MGT is composed of a durable shockproof casing and is water resistant. The sturdy alligator carrying clip ensures that this thin multigas detector is firmly attached to the work clothing. Operation is simple by means of a single push button. The large and clear LC display continuously shows the current gas concentration per sensor. The rechargeable Lithium-ion battery offers a long service life and continuity, recharging in less than 6 hours.

WIDE RANGE OF APPLICATIONS

Thanks to its compact design, easy handling and light weight of approximately 240 grams, the MGT is a very user-friendly safety instrument. Useable in heavy industrial environments, including Petrochemicals, Offshore, Soil remediation, Shipping, Water purification, Fire Brigade and many other industries!

APPLICATIONS:

- + Chemical industry
- + Refineries
- + Waste water treatment
- + Boiler houses
- + Confined spaces (and entry to)
- + Storage of dangerous goods
- + Food industry

CONSILIUM DOES MORE THAN JUST DELIVER!













- + Tailor made advice
- + Project management
- + Technical support
- + Training and education
- + Commissioning
- + Onsite service / maintenance / calibration
- + Rentals

ORDER INFORMATION

PORTABLE MULTI GAS DETECTOR (INFRARED LEL SENSOR)					
VERSION	ARTICLE NO.	GAS TYPE	RANGE	LOW ALARM	HIGH ALARM
Consilium MGT-N Attention: Not suitable for Hydrogen and Acetylene detection	1161310	LEL	0-100%	10%LEL	20%LEL
		O ₂	0-30%Vol	19.5%Vol	23.5%Vol
		H ₂ S	0-100ppm	1.6ppm	2.4ppm
		CO	0-500ppm	25ppm	50ppm
	1161311	LEL	0-100%	10%LEL	20%LEL
		O ₂	0-30%Vol	19.5%Vol	23.5%Vol
		H ₂ S	0-100ppm	5ppm	10ppm
		CO	0-500ppm	25ppm	50ppm

PORTABLE MULTI GAS DETECTOR (CATALYTIC LEL SENSOR)					
VERSION	ARTICLE NO.	GAS TYPE	RANGE	LOW ALARM	HIGH ALARM
Consilium MGT-P	1161315	LEL	0-100% ₂	10%LEL	20%LEL
		O ₂	0-30%Vol	19.5%Vol	23.5%Vol
		H ₂ S	0-100ppm	1.6ppm	2.4ppm
		CO	0-500ppm	20ppm	100ppm
	1161316	LEL	0-100% ₂	10%LEL	20%LEL
		O ₂	0-30%Vol	19.5%Vol	23.5%Vol
		H ₂ S	0-100ppm	5ppm	10ppm
		CO	0-500ppm	20ppm	100ppm

ORDER INFORMATION

ACCESSORIES			
TYPE	IMAGE	PART. NO.	DESCRIPTION
MGT carrying case		1161330	Protective carrying case MGT
IR-link		1161331	Infrared connection module for setting set points, reading data and calibration. setpoints, read out data and calibration
Car charger		1661332	Car charger 12VDC
Charging station 5-way		1661333	MGT Charging station 230V for 5 detectors
Multi adapter		1661334	MGT Multi adapter 230V 7 ports
Docking case (1)		1161335	Case intended for bump and/or calibration
Docking case (1-4)		1161336	Case intended for bump and/or calibration
Sampling pump NON ATEX		1161337	Sampling pump, to be connected to the calibration cap of the MGT
Probe		1161338	Sampling probe
Testgas cilinder		9990518	BUGAS test gas cylinder (mixed gas) CH ₄ , H ₂ S, CO, O ₂ in N ₂ , 58 gas litres.
Regulator		9990600	Flow regulator Brass (for adjusting the gas supply)
Regulator		9990601	Flow regulator RVS (for adjusting the gas supply)

SPECIFICATIONS

PRODUCT	MGT-P / MGT-N
Operation	6.0 x 4.0 x 11.4 cm (W x D x H)
Weight	240 grams
Housing material	Rubberised PC housing
Protection	IP67
Measuring principle	Catalytic / Infrared (LEL) and electrochemical (toxic and oxygen)
Battery	Rechargeable Lithium-ion 24 hours / 2 months use after full charge
Operating temperature	-20°C tot +50°C
Relative humidity	10-95% non-condensing
Display	LC display with indication of measured concentration and battery capacity
Alarm values	Alarm values, low, high, TWA and STEL
Alarm indicators	Audible: Buzzer > 90 dB at 10 cm distance Visible: Red flashing LEDs, display reading Tactile: Vibrating alarm
Event Log	Latest 30 alarms, calibration logging, bump logging
Data Log	2 Months
Mounting	Rugged "alligator style" clothing clip
Accessories	Calibration cap, charging cable with fixed adapter
CE markings	ATEX (Directive 2014/34/EU) Electromagnetic Compatibility (Directive 2014/30/EU)
Approval	Model SP-MGT-P: ATEX, IECEx, cCSAus, KCs, NEPSI Model SP-MGT-N: ATEX, IECEx, cCSAus, PESO, NEPSI II I G Ex da ia IICT4 Ga (MGT-P) II I G Ex ia IICT4 Ga (MGT-N) (Tamb -20 °C to +50 °C) Model SP-MGT-P: Class I, Division I, Groups A, B, C, and/or D, T4 Ex da ia IICT4 Ga Class I, Zone 0, AEx da ia IICT4 Ga Model SP-MGT-N: Class I, Division I, Groups A, B, C, and/or D, T4 Ex ia IICT4 Ga Class I, Zone 0, AEx ia IICT4 Ga
Supplier	Consilium Safety Netherlands B.V.

