



A company of T.D. Williamson, Inc.

MultiGas Meter Gazotrack™ 4



**Multifunction device for gas leak detection
with NDIR technology (Infrared Spectrometry)**

- Infrared Sensor for methane (CH₄) or propane (C₃H₈)
- Methane and Propane detection over 3 scales: PPM, LEL and 100% gas Vol. scales with the same sensor
- Sensitivity: 100 ppm
- Option : toxic gas detection: CO, O₂, H₂S, THT, C₃H₈S (mercaptan)
- ATEX and IECS-Ex Certification
- Integrated Data logging, Bluetooth communication for data transfer
- High resolution color graphic display
- Compact and robust design (IP 67)





Gazotrack™ 4 TECHNICAL SPECIFICATIONS

Measurement technologies

Type of gases	Measurement scales	Sensors
Methane (CH ₄) or propane(C ₃ H ₈)	0ppm to 10,000ppm, 20ppm threshold	Infrared sensor
	0% to 100% LEL, 1% threshold	Infrared sensor
	0% to 100% gas volume, 0.1% threshold	Infrared sensor
Carbon monoxide (CO)	0ppm to 1000ppm	Electrochemical sensor
Oxygen (O ₂)	0% to 30% gas volume	Electrochemical sensor
Hydrogen sulphide(H ₂ S)	0ppm to 100ppm	Electrochemical sensor
Tetrahydrothiophene (THT)	0 to 50 mg/m ³	Electrochemical sensor
Bis(methylthio)methane (C ₃ H ₈ S)	0 to 50 mg/m ³	Electrochemical sensor

Power supply

Battery type	Rechargeable Lithium battery pack
Battery life	8 hours

Electric pump

Flow	20L/h and 35L/h
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Functions

Data logging	Automatic data recording
Communication	Bluetooth 2.0 and RS232/USB for data transfer
Alarms	4 flashing lights areas and audible buzzer -Hydrocarbons: several levels of alarm in compliance with ATEX rules -Toxic gases: several levels of alarms Gas concentration threshold, low battery, faults

Conditions of use

Temperature range	from -10°C to +40°C
Relative humidity	from 0% to 80% RH at 30°C
Anti-condensation mechanism	To avoid any false alarms in the case of important temperature variations

Conditions of storage

Temperature range	from -20°C to +50°C
Relative humidity	<95% RH

Physical features

Display	high contrast TFT color with Backlight
Keys	4 waterproof keys on the front
Housing	Shock-resistant, antistatic carbon-loaded PA6 polyamide housing
Front	Anodised aluminium
Display window	High-resistance ceramic glass
Weight	1.1 kilograms
Size	L216 mm x W110 mm x D122 mm
Protection index	IP 67 in compliance with EN 60529

Management of measurement scales

Operation modes	Scales
Risk of explosion assessment	LEL scale (manual switching to % Gas Volume scale)
Network Survey	% Gas Volume scale + Maximum recorded measurement (MAX)
Works on pipelines	PPM scale and % Gas Volume scale (automatic switching between scales)

Calibration

Methane or propane (butane in option)	
Option	CO, O ₂ , H ₂ S, THT, C ₃ H ₈ S (Selection of a maximum of three gases)

Certification

ATEX and IEC-Ex	II 2 G Ex ia IIC T4 Gb
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After-sales service

GAZOMAT provides all customers with comprehensive product assistance and maintenance through its global service teams.

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