



A company of T.D. Williamson, Inc.

Leak Detection, Risk of Explosion Analysis, Gas Concentration Measurement



GAZOTRACK™ 4


Multigas Detector
with Infrared Technology (NDIR)

- NDIR sensor calibrated to methane (CH₄) or propane (C₂H₆)
- Simultaneous detection of up to 4 different gases (CO, O₂, THT or Mercaptan)
- Self-diagnosis system eliminating false readings and alarms
- Stable measurements even in fluctuating temperatures
- Simplified, low-cost maintenance
- High resolution colour display
- Datalogging with in-built Bluetooth communication
- Compact and robust design (IP 67)



TECHNICAL SPECIFICATIONS

GAZOTRACK™ 4

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| <p>Measurement technologies</p> | <ul style="list-style-type: none"> • Type of gases Methane (CH₄)
or Propane (C₃H₈) Carbon monoxide (CO) Oxygen (O₂) Hydrogen sulphide (H₂S) Tetrahydrothiophene (THT) Bis(methylthio)methane (C₃H₈S) | <ul style="list-style-type: none"> • Measurement scales 0 ppm to 10.000 ppm, 100 ppm threshold 0% to 100% LIE, 1% threshold 0% to 100% gas volume, 0,1% threshold 0 ppm to 1000 ppm 0% to 30% gas volume 0 ppm to 1000 ppm 0 to 50 mg/m³ 0 to 50 mg/m³ | <ul style="list-style-type: none"> • Sensor type Infrared Infrared Infrared Electrochemical Electrochemical Electrochemical Electrochemical Electrochemical |
| <p>Management of measurement scales</p> | <ul style="list-style-type: none"> • Operating modes Risk of explosion assessment Works on pipelines | <ul style="list-style-type: none"> • Scales LEL scale – manual switching to % Gas Volume scale (CO measurement as an option) PPM and % Gas Volume – automatic switching between scales (O₂, THT measurement as an option) | |
| | <p>Calibration</p> <ul style="list-style-type: none"> • Methane or propane (butane in option) • Option: CO, O₂, H₂S, THT, C₃H₈S (Selection of a maximum of three gases) | | |
| <p>Power supply / Battery type</p> | <ul style="list-style-type: none"> • Rechargeable Lithium battery pack | | |
| | <p>Battery life</p> <ul style="list-style-type: none"> • 8 hours | | |
| | <p>Electric pump output</p> <ul style="list-style-type: none"> • 20 l/h and 35 l/h (values given with sampling rod connected) | | |
| | <p>Functions</p> <ul style="list-style-type: none"> • Data logging: Automatic data recording • Communication: Bluetooth 2.0 and RS232/USB for data transfer • Alarms: 4 flashing lights areas and audible buzzer <ul style="list-style-type: none"> - Hydrocarbons: several levels of alarm in compliance with ATEX rules - Toxic gases: several levels of alarms Gas concentration threshold, low battery, faults | | |
| | <p>Conditions of use</p> <ul style="list-style-type: none"> • Temperature range from -10°C to +40°C • Relative humidity 0% to 80% HR at 30°C • Anti-condensation mechanism, to avoid any false alarms in the case of major temperature variations | | |
| | <p>Conditions of storage</p> <ul style="list-style-type: none"> • Temperature range from -20°C to +50°C • Relative humidity < 95 % RH | | |
| | <p>Features</p> <ul style="list-style-type: none"> • High contrast TFT color display with Backlight • 4 waterproof keys on the front • Shock-resistant, antistatic carbon-loaded PA6 polyamide housing • Front in anodised aluminium • High-resistance ceramic glass display window • Weight: 1,1 kg • Size: L 216 mm x W 110 mm x D 122 mm • Protection index: IP 67 in compliance with EN 60529 | | |
| | <p>Certification</p> <ul style="list-style-type: none"> • ATEX/IEC-Ex:  II 2 G Ex ia IIC T4 Gb | | |



After-sales service

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

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