





Survey with Geolocation of Natural Gas Networks



EASY | **Inspectra**TM

System for combined survey of urbanised areas
from vehicle/on foot

-  Easy access to city centres and pedestrian areas
-  Flexible in use and manoeuvrable
-  Geolocation system (GPS and mapping) for full mission traceability
-  Laser spectroscopy analyzer with 1 ppm detection threshold

The EASY INSPECTRA™ vehicle is perfectly adapted for the constraints of leak detection in densely urbanised areas, providing access to city centres and pedestrian areas and revolutionising the very concept of network survey by combining detection from a vehicle with detection on foot.

Leak detection from vehicle



- Easy access to city centres and pedestrian areas
- Survey speed suited to the urban environment
- Larger daily range of action
- Shorter connection times with immediate implementation on the site
- System with single operator-driver
- Cost-effective alternative to detection on foot
- Convenient and manoeuvrable
- System presented installed on RENAULT Twizy electric vehicle with zero CO₂ emissions
- The system can be applied to other small vehicles (quad bikes, etc.).

An ultra-flexible



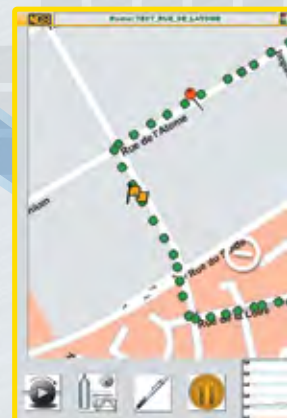
INSPECTRA® LASER analyzer

- Full methane selectivity
- 1 ppm sensitivity
- Bluetooth® communication



Bag with Bluetooth® function

- Ergonomic rucksack with integrated fastening system for tablet PC
- High visibility (fluorescent color)
- Bluetooth® communication GPS receiver



NGS software

- Geolocation of survey
- User-friendly and intuitive system
- Fully automated instrumentation control

Leak detection survey system

The EASY INSPECTRA™ system has been developed by GAZOMAT™ to complement its range of natural gas network survey equipment with a simple and powerful tool that incorporates the INSPECTRA® LASER analyzer with GPS Tablet and NGS software with geolocation.



Leak detection on foot



Tablet with Bluetooth®

- Touch screen
- High-resolution display
- Rugged device
- Bluetooth® communication



- Facility to import network maps
- Facility to export the survey path to the SIG system



- Immediate access to areas inaccessible to vehicles
- No interruption in the survey path
- User-friendly equipment
- Immediate application thanks to Bluetooth® communication
- Alternation with no breaks between leak detection from a vehicle and on foot
- The rucksack and the GPS tablet can be removed from the vehicle in seconds.

TECHNICAL SPECIFICATIONS

EASY **Inspectra**™

INSPECTRA® LASER analyzer

- Portable laser spectroscopy detector
- Methane selective
- 1 ppm methane sensitivity (CH₄)
- ATEX and non-ATEX versions
- Powered by rechargeables batteries
- L 263mm x W 113mm x H 141mm
- Weight 2.7kg



Pedestrian tablet GPS system

- Very rugged hardened tablet from Panasonic, the brand selected by GAZOMAT™
- NGS software for GPS survey tracking
- Digital board interface with maps in SHAPE WGS84 format
- Ergonomic fluorescent bag
- INSPECTRA®/tablet and GPS communication in Bluetooth® mode (wireless)



EASY INSPECTRA™ System on electric vehicle

- RENAULT Twizy vehicle
- 100% electric vehicle with zero CO₂ emissions
- Up to 80 km range
- Speed up to 80 km/h
- Ergonomic INSPECTRA®/tablet installation with NGS
- Flexible and manoeuvrable vehicle
- Silent
- Charging time: 3.5 hours
- Compact ergonomic vehicle
- Adapted for city centres and pedestrian areas.



After-sales service

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

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