

Laser HUNTER

Highly sensitive and selective gas detection device for the systematic pipe network inspection of buried gas pipelines.



دقیقا تجهیز فرم
 www.d-tajhiz.com
 info@d-tajhiz.com
 Tel: 02188981020

- Innovative laser technology as single laser (CH₄) or dual laser (CH₄ & C₂H₆)
- Reliable measurement of smallest gas concentrations, no cross-influences due to humidity or exhaust gases
- Selective measurement of methane and ethane for rapid differentiation between natural gas and digester gas
- Individual configuration of the sensor technology enables different areas of application
- Functions and menu according to german DVGW worksheet G 465-4
- Fast and uncomplicated gas test
- Operating time of at least 10 hours for an intensive working day
- Bluetooth technology for simple and fast data transmission
- Connection to Pi NOTE (GIS software) available for complete documentation

PICTURES OF APPLICATION


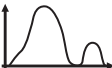





Laser HUNTER

The Laser HUNTER is a highly sensitive and selective gas detection device for the systematic pipe network inspection of buried gas pipelines. Due to the innovative laser technology, cross-influences caused by humidity or exhaust gases are excluded.

The laser module is available in two variants. In the dual version, the sensor can be used for a quick and uncomplicated differentiation between natural gas or digester gas (ethane analysis) to avoid time-consuming and costly pinpointing in the case of digester gas. If desired, the device can be equipped with additional sensor technology to enable further applications in the course of pipe network inspections. So you have everything in one device!

The following operating modes are used in the menu:

-  • Leak detection above ground
(measuring range 0 to 2,2 Vol.-% methane)
-  • Ethane-Analysis
(measuring range 15 ppm to 1000 ppm ethane)
-  • Measuring gas concentrations in probe holes
(Pinpointing)
(measuring range 0 to 100 Vol.-% methane, oxygen and CO₂)*
-  • Leak detection in buildings
(measuring range 1 ppm to 100 Vol.-%)*
-  • Leak detection of accessible pipes on plants
(measuring range 1 ppm to 2,2 Vol.-% methane)*



Quick gas test

TECHNICAL DATA

Display	LCD graphic display 128 x 64 Pixel, illuminable Display of measured value, maximum value and bar graph
Power supply	Lithium-Ionen 7,2 V 6.700 mAh
Charging	Charging cradle supplied by 12 Volt or 230 Volt approx. 5 hours
Operating time	> 10 hours (without backlight)
Operating temperature	0 °C to +40 °C
Data Storage	> 2.000.000 measurement values (depending on the duration of the measurement)
Protection category	IP 52
Dimensions	230 x 115 x 85 mm without couplings
Weight	approx. 2.100 g
Measurement principle	Laser Infrared* Electrochemical*
Measurement range	0 to 1.000 ppm CH ₄ , Resolution: up to 0,5 ppm 0,1 to 2,2 Vol.% CH ₄ , Resolution: 0,01 Vol.% 0 to 1.000 ppm C ₂ H ₆ , Resolution: 5 ppm
Pump capacity	> 80 l/h, > 300 mbar

* Not all features are available at launch.

Technical specifications subject to change! Status 2021/11

