



OLLI

Explosion-proof gas measurement instrument for combustible gases, toxic gases and oxygen with optional internal pump and pressure measurement.



- Ergonomic & extremely rugged synthetic housing
- Multiple device configurations with different sensors for various applications possible
- Extremely long operating time (depending on device configuration & application up to 50h)
- High contrast LCD graphic display with backlight for optimal display of all measured values
- Cutting-edge filter technology
- Bluetooth technology for easy data transfer
- Bump Test station for quick function tests on-site*
- Simple and easy operation with intuitive menu navigation
- Practical accessories for all applications
- IP67 protection code

PICTURES OF APPLICATION



OLLI

The OLLI is an explosion-proof, multi range measurement device for flammable & toxic gases and oxygen. The device comes either in a diffusion version and can be equipped with an internal pump and pressure measurement. The well-known and easy-to-use operating concept with a menu navigation driven by two function keys and a ENTER button has been enlarged by an ESC/return button.

The following operating modes are used in the menu:**

-  • Workplace monitoring (measurement from 0 to 100 % LEL)
-  • Leak detection in houses (measurement of gas concentration on gas installations from ppm to 100 Vol.%)
-  • Leak detection above ground (measurement of gas concentrations on underground gas pipelines from ppm to 100 Vol.%)
-  • Measuring gas concentrations in probe holes (measurement range from 0 to 100 Vol.% with logging function)
-  • Pipe filling, gas purity (measurement range from 0 to 100 Vol.%)
-  • Pressure measurement
Stabilisation time, measurement time and allowed pressure drop can be set



Picture shows case with optional accessories

TECHNICAL DATA

Display	illuminated LCD Graphics display with 128 x 64 Pixel + special icons
Power supply	Rechargeable Li-Ion
Operating time	up to 50h (diffusion version, w/o backlight) up to 35h (pump version, w/o backlight)
Measurement range**	0-22,000 ppm methane, resolution 1, 5, 10, 50 ppm (adjustable) 0-8,500 ppm propane, resolution 1, 5, 10, 50 ppm (adjustable) 0-100 % LEL methane/propane, resolution 0.01 % or 0.1 % (adjustable) 0-100 Vol.-% methane/propane, resolution 0.01 Vol.%, 0.1 Vol.%, 0.5 Vol.%(adj.) optional: 0-5 Vol.% CO ₂ , resolution 0.01 Vol.% optional: 0-25 Vol.% O ₂ , resolution 0.1 Vol.% optional: 0-1,000 ppm CO, resolution 1 ppm optional: 0-200 ppm H ₂ S, resolution 0.1 ppm optional: 0-1 bar, resolution 0,1 mbar
Alarm	Acoustic, optical and vibration alarm signal
Operating temperature	-20 °C to +50 °C
Protection	IP67
ATEX	BVS 17 ATEX E 043 X - Ex II 2G Ex ib d IIB T4 Gb
Dimensions	approx. 80 / 170 / 43 mm (pump version)
Weight	approx. 350 g incl. battery (diffusion version) approx. 380 g incl. battery (pump version)
Pump flow	approx. 20 l/h
Connectivity	IR, Bluetooth (optional)
Data Storage	approx. 200 MB

* Not available yet. Market launch in preparation.

** Availability of operating modes, measurement ranges and resolutions are dependent on device configuration. Not all configurations and operating modes are available for all countries.

Technical specifications subject to change! Status 2020/08

