



Analizador de multicomponentes para Biogás LD 100 BIO-P

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Engezer Spenger 

sergio.engezer 

Response Time	Response times are specified at a sample flow rate of a 1 liter per minute through the ETG 6500 sample cell
Data Refresh Rate	5 second
Warm-up Time	30 seconds ready, 3 minutes useable, 30 minutes to full performance
Operating Temperature	0° to 45° C (32° to 113° F)
Operating Humidity	To 95% RH (Non-condensing)
Operating Altitude	-300 to 3.000 m (-1.000 to 10.000 ft)
Communications (optional)	Ethernet – Profibus – Modbus
Analog Signal Output	4-20 ma for each measured compound (settable ranges)
Digital Output	Configurable for gas concentration, analyzer fault, high temperature, etc..
Display	Touch Screen 5.7" Resistive type
Calibration	Zero & span user selectable. Automatic calibration (OPTIONAL)
Power supply	from 100 to 240 Vac 47-63 Hz
Pneumatic connection	Rapid fittings 6.0 OD 4.0 ID
Mechanical dimensions	500 x 700 x 250 mm, Stainless Steel AISI 304, IP65 132,5 x 495,0 x 430,5 mm, Rack 19" 430 x 244 x 341 mm, IP67

**All LD 100 and LD 6500 series
for Biogas have remote Support
and Remote Access**

- File transfer
- LAN (Standard) and Wifi (Optional)
- Data monitoring by your PC, Tablet and Smartphone (Android, IOS, Windows)
- Software update





LDeTek

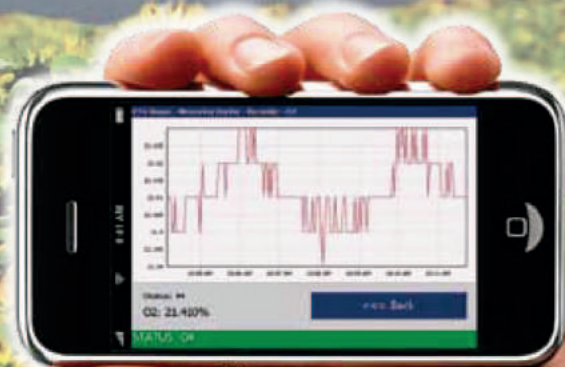


Biogas Analyzer product line



The firsts remotable
Biogas Analyzer

for
 CO_2 , CH_4 , O_2 , H_2S and CO , H_2 , NH_3



LD 6500 BIO

Multicomponent Analyzer for Biogas



Applications:

Biogas Plant
Research Center
Water Treatment Plant
Biogas System Integrator

Monitoring:

CH₄ (0...100%)
CO₂ (0...50%)
O₂ (0...25%)
H₂S (0...2000 ppm)

- Analysis of CO₂, CH₄, O₂, H₂S
- NDIR technology for CO₂ and CH₄
- O₂ and H₂S measured by ECD Cells
- Automatic air purge for long life H₂S ECD cell
- Arm Processor
- Touch Screen monitor
- Ethernet and USB Remoting
- Highly modular
- Easy Calibrations
- Additional measurement of: NH₃, H₂, Energy Calculation
- Plug and Play
- Condensate Removal System
- Very little sample required

- Analog (4...20mA) & Digital (PNP) Signal Output
- Low cost ownership
- Wall Mounted Version (IP65)
- Modbus, Profibus, Ethernet (optional)
- Data downloadable on SD Card and USB Pen Drive
- Friendly interface
- Ideal for the Plant
- Flow Regulation
- Customizable
- High Performances
- Upgradable
- Totally developed in Italy
- Temperature controlled internally
- Expandable to multipoint with the MPS external unit

The LD 6500 BIO series of gas analyzers by LDetek it's the ideal solution for biogas measurement and industrial combustion applications because of their accuracy, stability, reliability, broad measurement range, and the variety of available form factors.

Unlike other analyzers, LD 6500 BIO non-dispersive infrared (NDIR) gas analyzers measure multiple gases in an instrument with a single optical path platform.

Single-gas analyzers are inadequate when using methane as a biofuel because the gas often contains large amounts of CO as a contaminant. LDetek analyzers have the ability to measure CO₂, CO, and O₂ in addition to methane and therefore provide the optimal combination of gases for combustion optimization.

The enhanced optics and electronics of our NDIR analyzers have virtually eliminated zero drift after the initial warm up period. The temperature and pressure compensation eliminates the major causes of span drift in many NDIR instruments.

LD 100 BIO

Multicomponent Analyzer for Biogas



Applications:
Biogas Plant
Research Center
Water Treatment Plant
Biogas System Integrator

Monitoring:
 CH_4 (0...100%)
 CO_2 (0...50%)
 O_2 (0...25%)
 H_2S (0...2000 ppm)

- Analysis of CO_2 , CH_4 , O_2 , H_2S
- NDIR technology for CO_2 and CH_4
- O_2 and H_2S measured by ECD Cells
- Automatic air purge for long life H_2S ECD cell
- Arm Processor
- Touch Screen monitor
- Ethernet and USB Remoting
- Highly modular
- Easy Calibrations
- Additional measurement of:
 - NH_3 , H_2 , Flow, Energy Calculation

- Analog (4...20mA) & Digital (PNP) Signal Output
- Low cost ownership
- 19 " Rack mounting version
- Modbus, Profibus, Ethernet (optional)
- Data downloadable on SD Card and USB Pen Drive
- Friendly interface
- Ideal for installers
- Customizable and highly configurable
- High Performances
- Autozero
- Totally developed in Italy

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LD 100 BIO-P

Multicomponent Analyzer for Biogas



Applications:

Biogas Plant
Research Center
Water Treatment Plant
Biogas System Integrator

- Analysis of CO₂, CH₄, O₂, H₂S
- NDIR technology for CO₂ and CH₄
- O₂ and H₂S measured by ECD Cells
- 8 hours autonomy
- Arm Processor
- Touch Screen monitor
- USB and WIFI Remoting
- Internal Sampling Pump
- Easy Calibrations
- Additional measurement of:
 - NH₃, H₂, Flow, Energy Calculation
 - Low cost ownership
 - Portable version
 - Data downloadable on USB Pen Drive
 - Friendly interface
 - Ideal for multiple checking
 - Loadable on the airplane
 - High Performances
 - Totally developed in Italy
 - Impact-resistant housing
 - Rapid Fittings
 - Usable under power supply (when battery is low)

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**Caso queira adaptar este produto a suas necessidades
usando um sistema de condicionamento, uma
automação ou formando um produto, contate:**

COMERCIAL@ENGEZER.COM.BR

**para mais informações ou preços*



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