

Introducing **BIOLYT**

THE GASANALYZER FOR FERMENTERS



Efforts

- Fermentation
- Laboratories and R&D

Measuring ranges

- 0 – 10 vol% CO₂
- 0 – 25 vol% O₂

- CO₂-Measurement by NDIR method
- Temperature – and pressure-compensation
- O₂-Measurement by Paramagnetic Cell
- No replacement of electro-chemical cells.
- Internal gas –preparation JKD 744 for conditioning of the measuring gas
- Condensewater – and Flow-Signalisation
- Analogue output as well as RS 232 Comport
- 19"-Rack for mobile and stationary use

Designed with future in mind

GASANALYSATOR BIOLYT

JUNKALOR

Technical Data

Methods

CO₂: NDIR (Non Dispersive Infrared Absorption)
Sauerstoff Paramagnetical

Measuring ranges

0 – 10 vol% CO₂
0 – 25 vol% O₂

Accuracy

≤ 2 %

Zero-Drift

≤ 1 % per week

Gaspreparation

Cooler electronical adjustment of 5°C
Particle filter
Flowmeter
Pump

COM-ports

Digitally:

RS 232

Analogue:

0 (4)– 20 mA

Limits

2 Limits per measuring channel
max. 10W, max. 200VDC, max. 0,75 A

Working temperature

5 - 45 °C

Humidity

bis zu 95 % r. F.

Mass:

10 kg

Dimensions (W x H X D)

133 x 448,9 x 375,5 mm,

Protection

IP 20

Voltage

230 V DC

A SUCCESSFUL NAME – A LONG TRADITION

SAXON Junkalor is a privately owned high-tech company with many years of experiences in metrology. In the 100-plus years since its establishment, the company has developed into a leading specialist in gas analysis. As Europe's leading specialist of exhaust gas analysis, SAXON Junkalor has all the scientific and technical skills required for vehicle exhaust measurement