

GOOD REASONS FOR **INFRALYT 50 JKD/744**



- Modular structure
Standard: optical IR-bench, flow message, digital output
Options: el.-chemicalcell(s), internal pump, analogue output
- High stability through evaluation of reference signal for IR-components
- Measure of up to 3 IR-active gases simultaneous
(extension: up to 6 IR-active gases)
- Extension to el.-chemical cells for O₂ and/or NO
- Application: gas analysis to control chemical processes

INDUSTRIE GASANALYSER INFRALYT 50 JKD/744

Conditioning of the measuring gas at measuring for exact analyses

- cooler regulated electronically on 5 degrees Celsius
- with condensate and measuring gas pump 60 l/H
- dust filter
- exit cooler status as a potential-free change
- machine sensors for condensate and flow alarm

Technical Specification:

Principle	NDIR (non dispersive infrared radiation absorption)
Output signals	analogous: 0 (4) ... 20 mA digital: 12 bit RS 232 or RS 485
Ambient temperature	5 - 45 °C
Max. temp./humid. Coupling	32°C/90r.h.
Mass	max. 9 kg
Housing	19" rack (w: 449mm; h: 132,5mm; d: 326 mm)

Gas components and ranges (Extract)

general gas analyse in process

	minimum	maximum
CO	0-1000ppm vol	0-100% vol
CO ₂	0- 30ppm vol	0-100% vol
C ₆ H ₁₄	0-1000ppm vol	0- 4% vol (max. Sättigung)
C ₃ H ₈	0-2500ppm vol	0- 8% vol
CH ₄	0- 5% vol	0-100% vol
NO	0-3000ppm vol	0- 4% vol
SO ₂	0-1000ppm vol	0- 30% vol

A SUCCESSFUL NAME- A LONG TRADITION

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