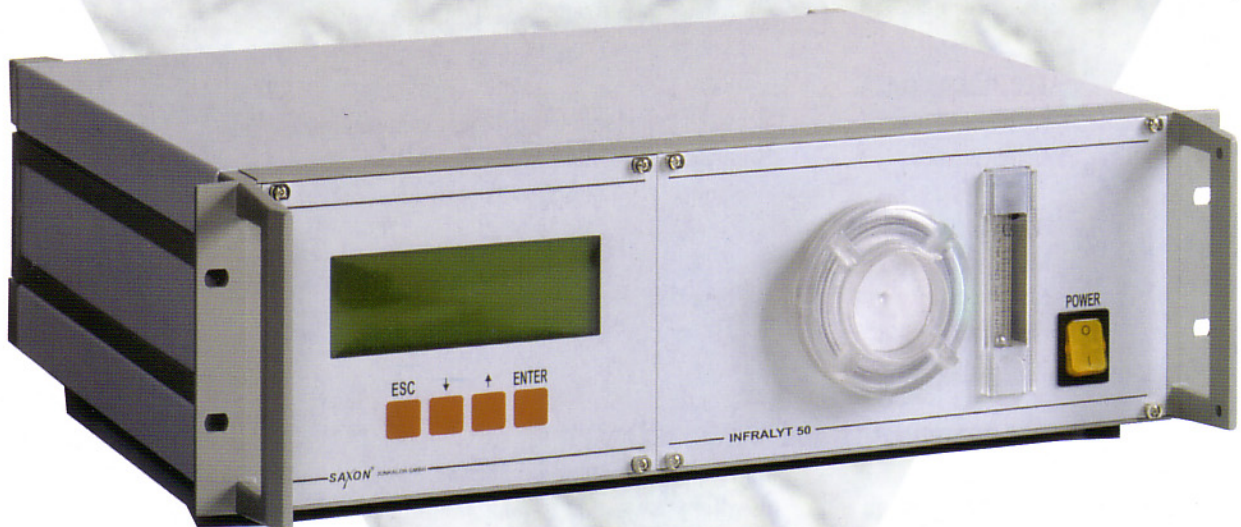


INDUSTRIAL GAS ANALYSER

# INFRALYT 50

# JUNKALOR



# GAS ANALYSER FOR INDUSTRIAL APPLICATIONS INFRALYT 50

## GOOD REASONS FOR INFRALYT 50

- Modular structure  
Standard: optical IR-bench, flow message, digital output  
Options: el.-chemical cell(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 O<sub>2</sub> and/or NO
- Application: gas analysis to control chemical processes

## TECHNICAL DATA

Principle	NDIR (non dispersive infrared radiation absorption)
Output signals	analogous: 0(4) ... 20mA digital: 12 bit RS 232 or RS 485
Ambient temperature	5 ... 45°C
Max. temp./humid. Coupling	25°C/90r.h.
Mass	max. 10kg
Housing	19" rack (w: 449 mm; h: 132,5 mm; d: 326 mm)

## GAS COMPONENTS AND RANGES (EXTRACT)

component/range	general gas analyse in process	
	smallest range	max. range
CO	0 - 1 % vol	0 - 100 % vol
CO <sub>2</sub>	0 - 50 ppm vol	0 - 100 % vol
HC	0 - 1000 ppm vol	0 - 2 % vol
(as normal C <sub>6</sub> H <sub>14</sub> )		
C <sub>3</sub> H <sub>8</sub>	0 - 2500 ppm vol	0 - 8 % vol
CH <sub>4</sub>	0 - 2 % vol	0 - 100 % vol
NO	0 - 5000 ppm vol	0 - 4 % vol
SO <sub>2</sub>	0 - 500 ppm vol	0 - 30 % vol

## A SUCCESSFUL NAME - A LONG TRADITION

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