

Optical Bench NDIR 7000



GOOD REASONS FOR THE OPTICAL BENCH NDIR 7000

- High precision by permanent reference signal
- Modular Design
- Measuring of 3 up to 6 infrared gases simultaneously
- Cuvette pipe is easy replace
- Measuring of O₂ and NO with electrochemical cells
- Anwendung: Industrielle Gasesstechnik

FROM THE EXHAUST GAS MEASURING SPECIALIST

Optical Bench NDIR 7000

Technical Spezifikation:

Principle	NDIR (Non Dispersive InfraRed Radiation Absorption)	
Output signals	digital: 12/16 bit RS 232	
Temperature	5 - 45 °C	
Humidity range	Up to 90 % r. h.	
	Standard bench	Double bench
Mass	1,5 Kg	2,0 kg
Operating voltage	+/- 15 V DC (150 mA) + 24 V DC (800 mA) + 5 V DC (200 mA)	+/- 15 V DC (250 mA) + 24 V DC (1200 mA) + 5 V DC (500 mA)
Dimensions	220 mm x 140 mm x 100 mm or 350 mm x 190 mm x 100 mm	350 mm x 190 mm x 100 mm

MEASURING COMPONENTS AND RANGES (EXAMPLES)

	minimum		maximum	
CO	0 -	1000 ppm vol	0 -	100 % vol
CO ₂	0 -	50 ppm vol	0 -	100 %vol
C ₆ H ₁₄	0 -	1000 ppm vol	0 -	4 % vol
C ₃ H ₈	0 -	2500 ppm vol	0 -	8 % vol
CH ₄	0 -	1 % vol	0 -	100 % vol
NO	0 -	2000 ppm vol	0 -	4 % vol
SO ₂	0 -	1000 ppm vol	0 -	10000 ppm vol

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 this specialist SAXON Junkalor has all the scientific and technical skills required for vehicle exhaust measurement.