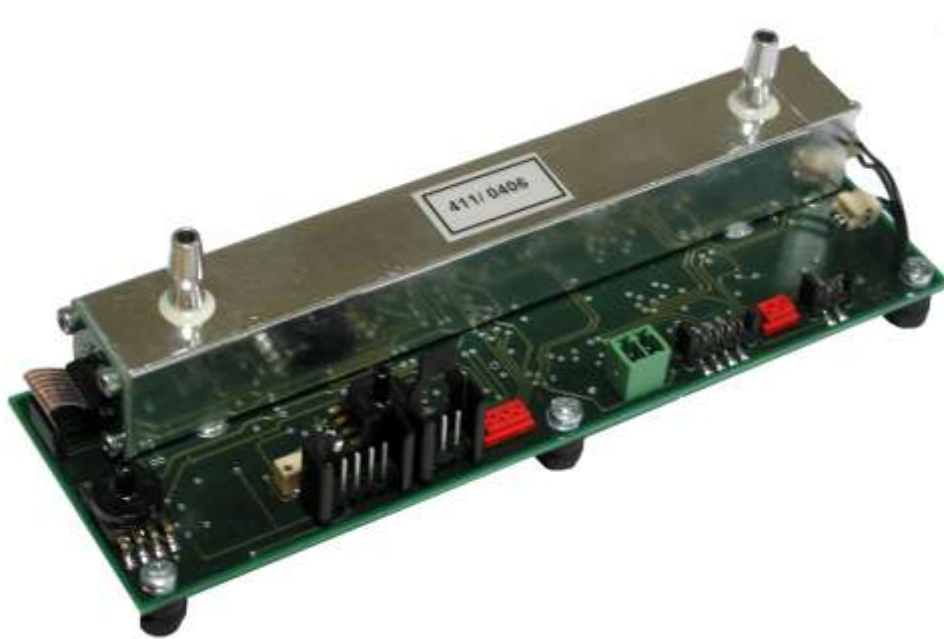


Introducing

The new automotive

NDIR – optical bench smart



- Micro-bench as OEM-product
- Warm-up time 30 seconds
- Accuracy according OIML Class 0
- Ready for connection of electro-chemical cells (O₂, NO)
- Small mass
- Quick response time

FROM EUROPE'S EXHAUST MEASUREMENT SPECIALISTS!

NDIR – optical bench smart

GOOD REASONS for NDIR-optical bench smart

- High stability by using a permanent reference channel
- Quick response time
- Measuring of 3 gases (CO/CO₂/HC) as the same time
- Ready for connection of 2 electro-chemical cells
- Measuring of constant flow rate by two pressure sensors
- Standard-Power 5V DC
- Micro bench
- Mass less than 200 g

TECHNICAL DATA

Measuring Principle	NDIR (NonDispersive InfraRed Absorption)
Accuracy	According O.I.M.L. Class 0
Ambient temperature	5 - 55 °C
Mass	170 g
Power	+ 5 V DC (<200 mA)
Flow rate	60 – 200 l/h
Dimensions	220 mm x 25 mm x 50 mm
Gasconnection	Hose, Diameter 4mm

MEASURING COMPONENTS and RANGES

Components	Measuring range
CO	0 – 10 % vol
CO ₂	0 – 20 % vol
HC(as normal C ₆ H ₁₄)	0 – 2500 ppm vol
Options (electro-chemical cells)	
O ₂	0 – 22 % vol
NO	0 – 2500 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 Europe's leading specialist of exhaust gas analysis, SAXON Junkalor has all the scientific and technical skills required for vehicle exhaust measurement.