

Gas Analysers Laboratory

Available Services

Calibrations

EQUIPMENT	RANGE	UNCERTAINTY
Exhaust Gas Analyzer	(0,5 to 5) cmol/mol of CO (6 to 14) cmol/mol of CO ₂ (100 to 1000) µmol/mol of C ₃ H ₈ (0,5 to 21) cmol/mol of O ₂	IM Fraction
Effluent Gas Analyzer	Typical ranges	IM Fraction
Indoor Air Quality Analyzers	(25 to 100) µmol/mol of CO (10 to 50) µmol/mol of H ₂ S (0,5 to 21) cmol/mol of O ₂ (0,8 to 4) cmol/mol of CH ₄ (300 to 5000) µmol/mol of CO ₂	IM Fraction
Flammable Gas Analyzers	(0,8 to 4) cmol/mol of CH ₄	IM Fraction
Inspection Analyzers	(25 to 100) µmol/mol of CO	IM Fraction
Analyzers used in the Food Area	(0,5 to 5) cmol/mol of O ₂	IM Fraction

Metrological Control

EQUIPMENT	TESTS	Laws
Automotive Gas Analyzers	Type Approval Initial Verification	Portaria 20/2007 OIML R 99

1µmol/mol = 1 ppm; 1 cmol/mol = 1 %