

List of gases, measurement methods and the range

Name	Formula	Measurement Method			Measuring Range	
		EC	TC	NDIR	ppm	Vol%
Oxygen	O ₂	•			•	•
Carbon monoxide	CO	•		•	•	•
Carbon dioxide	CO ₂			•	•	•
Hydrocarbons	HC/CH ₄			•	•	•
Tetrafluoromethane	CF ₄			•	•	
Difluoromethane	CH ₂ F ₂			•	•	
Ethyl acrylate	C ₅ H ₈ O ₂			•	•	
Sulfur dioxide	SO ₂	•		•	•	•
Hydrogen sulfide	H ₂ S	•			•	
Sulfur hexafluoride	SF ₆			•	•	
Tetrahydrothiophene (THT)	C ₄ H ₈ S	•			•	
^{tert} Butyl mercaptan	(CH ₃) ₃ CSH	•			•	
Nitric oxide	NO	•			•	
Nitrogen dioxide	NO ₂	•			•	
Nitrous oxide	N ₂ O					
Ammonia	NH ₃	•		•	•	
Nitrogen trifluoride	NF ₃			•	•	
Hydrogen	H ₂		•		•	•
Hydrogen in Argon	H ₂		•			•
Helium	He		•			•
Argon	Ar		•			•
Krypton	Kr		•			•
Hexamethyldisiloxane	((CH ₃) ₃ Si) ₂ O			•		•
Tetramethylsilane	(CH ₃) ₄ Si			•	•	
Trimethyl phosphate	(CH ₃ O) ₃ PO			•	•	

EC = Electrochemical Sensor

TC = Thermal conductivity sensor

NDIR = Nondispersive infrared sensor