

HEMS-M: Detection Range

SAE/ISO Specifications Gases to Measure	SAE-J2719 ISO-14687 Max Allowed	Minimum	Maximum
		Lower Detection Level	Upper Detection Level
	(ppm)	(ppm)	(ppm)
Nitrogen (N₂)	100	25	150
Helium (He)	300	75	450
Argon (Ar)	100	25	150
Carbon Monoxide (CO)	0.2	0.05	0.3
Methane (CH₄)	2	0.5	10
Water (H₂O)	5	1.6	7.5
Carbon Dioxide (CO₂)	2	0.5	3
Ammonia (NH₃)	0.1	0.025	0.15
Hydrogen Sulfide (H₂S)	0.004	0.001	0.006
Carbonyl Sulfide (COS)	incl.	0.001	0.006
Carbon Disulfide (CS₂)	incl.	0.001	0.006