

# REPRESENTATIVE LIST

## METHANE AND HYDROCARBON GAS DETECTION TECHNOLOGIES

VENDOR	TRADE NAME	TECHNOLOGY	SALE/SERVICE	LOWER DETECTION LIMIT	DETECTS	FOOT, VEHICLE, AIRCRAFT	DATA LOGGING
APOGEE SCIENTIFIC	LDS	Non-dispersive gas correlation infrared (IR) spectrometer	Both	0.25 ppm	CH4, HC, CO2	Vehicle, Aircraft	Y
BOREAL	Gas Finder AB	Tunable diode laser absorption spectroscopy (TDLAS)	Sale	< 1 ppm	CH4	Aircraft	
FLIR	GF Series	Cooled InSb focal plane array IR camera with non-dispersive IR filter	Sale		HC	Foot, Vehicle, Aircraft	Y
GAS IMAGING TECHNOLOGY	Sherlock	Infrared spectral imaging	Sale		HC	Foot	
HEATH	DP-4	Flame ionization detector	Sale	< 1 ppm	HC	Foot	N
	OMD	Optical methane detector	Sale	< 1 ppm	CH4	Vehicle	Y
	DP-IR	Infrared controlled interference polarization spectrometer	Sale	< 1 ppm	CH4	Foot	N
	RMLD	Handheld TDLAS	Sale	5 ppm @ 50' 50 ppm @100'	CH4	Foot	
LASEN		Mid-infrared laser-based differential absorption light detection & ranging (LIDAR)	Service		CH4 or C2H6	Aircraft	Y
PICARRO	Surveyor	Cavity ring-down spectroscopy	Lease	1 ppb	Natural gas isotopes & CH4	Vehicle	Y (cloud)
PERGAM TECHNICAL SERVICE	ALMA	LIDAR	Sale	25 ppm @ 165' 100 ppm @330'	CH4	Aircraft	Y
	SELMA	Pulsed infrared laser	Sale	10 ppm @ 90'	CH4	Vehicle	Y
REBELLION PHOTONICS	Gas Cloud Imager	Infrared hyperspectral imaging	Service		HC	Vehicle	
SYNODON		Simultaneous-view gas correlation passive infrared radiometer	Service		C2H6	Aircraft	

Gases: Methane=CH4, Hydrocarbons=HC, Carbon Dioxide=CO2, Ethane=C2H6