

ANALYTES

LASERTRACE / MTO MEASUREMENT CAPABILITIES

Species	Sensitivity / LDL (ppb)	Range (ppb)
H ₂ O	0.2	1,000
O ₂	0.1	500
CH ₄	2	8,000
NH ₃	1.5	15,000
PH ₃	30	15,000
AsH ₃	1	5,000
HCl	0.5	5,000
HF	0.1	1,000
HBr	2	10,000
HCN	1.5	15,000
H ₂ S	200	1,000,000
NO	80	500,000
N ₂ O	500	2,500,000
NO ₂	3	10,000
CO	200	1,000,000
CO ₂	300	1,500,000
C ₂ H ₂	1	8,000
C ₂ H ₄	6	30,000
C ₃ H ₆	15	20,000
H ₂ CO	50	100,000
H ₂	0.5	5,000

REV 1

HALO MEASUREMENT CAPABILITIES

Species	Sensitivity /LDL (ppb)	Range (ppb)
H ₂ O	2	20,000
O ₂	1	10,000
CH ₄	4	8,000
NH ₃	3	15,000
PH ₃	60	15,000
AsH ₃	2	5,000
HCl	1	5,000
HF	0.2	1,000
HBr	4	10,000
HCN	3	15,000
H ₂ S	400	1,000,000
NO	160	500,000
N ₂ O	1000	2,500,000
NO ₂	6	10,000
CO	400	1,000,000
CO ₂	600	1,500,000
C ₂ H ₂	2	8,000
C ₂ H ₄	12	30,000
C ₃ H ₆	30	20,000
H ₂ CO	100	100,000
H ₂	3	20,000

REV 1

Technical Notes:

1. Additional ranges of operation are available. Consult Tiger Optics sales personnel for details.
2. Tiger Optics sensing technology works in many gas matrices. Consult Tiger Optics sales personnel for details.