

TIGER-I 2000 SPECIFICATIONS SUMMARY^{1,2}

PRODUCT	PART #	ANALYTE	GAS MATRIX	LDL	RANGE	SENSITIVITY	ACCURACY (GREATER OF)	PRECISION (GREATER OF)	FLOW RATE	PRESSURE
Tiger-i 2000 HCl	F7021-1	HCl	Ambient Air	1 ppb	0-4 ppm	0.75 ppb	+/- 4% or ½ LDL	+/- 0.75% or $\frac{1}{3}$; sensitivity	~1 slpm	0-10 psig
			Clean Dry Air (CDA)							
			N ₂							
PRODUCT	PART #	ANALYTE	GAS MATRIX	LDL	RANGE	SENSITIVITY	ACCURACY (GREATER OF)	PRECISION (GREATER OF)	FLOW RATE	PRESSURE
Tiger-i 2000 HF	F7017-1	HF	Ambient Air	0.2 ppb	0-1 ppm	0.15 ppb	+/- 4% or ½ LDL	+/- 0.75% or $\frac{1}{3}$; sensitivity	~1 slpm	0-10 psig
			Clean Dry Air (CDA)							
			N ₂							
PRODUCT	PART #	ANALYTE	GAS MATRIX	LDL	RANGE	SENSITIVITY	ACCURACY (GREATER OF)	PRECISION (GREATER OF)	FLOW RATE	PRESSURE
Tiger-i 2000 H ₂ S	F7023-1	H ₂ S	Ambient Air	50 ppb	0-500 ppm	38 ppb	+/- 4% or ½ LDL	+/- 0.75% or $\frac{1}{3}$; sensitivity	~1 slpm	0-15 psig
			Clean Dry Air (CDA)							
			N ₂							
PRODUCT	PART #	ANALYTE	GAS MATRIX	LDL	RANGE	SENSITIVITY	ACCURACY (GREATER OF)	PRECISION (GREATER OF)	FLOW RATE	PRESSURE
Tiger-i 2000 NH ₃	F7022-1	NH ₃	Ambient Air	3.5 ppb	0-40 ppm	2.5 ppb	+/- 4% or ½ LDL	+/- 0.75% or $\frac{1}{3}$; sensitivity	~1 slpm	0-15 psig
			Clean Dry Air (CDA)							
			N ₂							
PRODUCT	PART #	ANALYTE	GAS MATRIX	LDL	RANGE	SENSITIVITY	ACCURACY (GREATER OF)	PRECISION (GREATER OF)	FLOW RATE	PRESSURE
Tiger-i 2000 CO	TBD	CO	Ambient Air	100 ppb	0-2000 ppm	75 ppb	+/- 4% or ½ LDL	+/- 0.75% or $\frac{1}{3}$; sensitivity	~1 slpm	0-15 psig
			Clean Dry Air (CDA)							
			N ₂							
PRODUCT	PART #	ANALYTE	GAS MATRIX	LDL	RANGE	SENSITIVITY	ACCURACY (GREATER OF)	PRECISION (GREATER OF)	FLOW RATE	PRESSURE
Tiger-i 2000 HCN	F7029-1	HCN	Ambient Air	1.5 ppb	0-15 ppm	1.1 ppb	+/- 4% or ½ LDL	+/- 0.75% or $\frac{1}{3}$; sensitivity	~1 slpm	0-15 psig
			Clean Dry Air (CDA)							
			N ₂							
PRODUCT	PART #	ANALYTE	GAS MATRIX	LDL	RANGE	SENSITIVITY	ACCURACY (GREATER OF)	PRECISION (GREATER OF)	FLOW RATE	PRESSURE
Tiger-i 2000 CH ₄	F7020-1	CH ₄	Ambient Air	2 ppb	0-20 ppm	1.5 ppb	+/- 4% or ½ LDL (equivalent to 80 ppb ³)	+/- 0.75% or $\frac{1}{3}$; sensitivity (equivalent to 15 ppb ³)	~1 slpm	0-15 psig
			Clean Dry Air (CDA)							

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Tiger-i 2000 CO ₂	F7030-1	CO ₂	Ambient Air	200 ppb	0-3000 ppm	150 ppb	+/- 4% or ½ LDL (equivalent to 15 ppm ³)	+/- 0.75% or 1/3; sensitivity (equivalent to 3 ppm ³)	~1 slpm	0-15 psig	
			Clean Dry Air (CDA)								
			N ₂								
PRODUCT	PART #	ANALYTE	GAS MATRIX	LDL	RANGE	SENSITIVITY	ACCURACY (GREATER OF)	PRECISION (GREATER OF)	FLOW RATE	PRESSURE	
Tiger-i 2000 CH ₂ O	F7026-1	CH ₂ O	Ambient Air ⁴	100 ppb	0-200 ppm	75 ppb	+/- 4% or ½ LDL	+/- 0.75% or 1/3; sensitivity	~1 slpm	0-15 psig	
			Clean Dry Air (CDA)								
			N ₂								

¹LDL is dependent upon the quality of the sample gas and the integrity of the sampling system.

²High levels of moisture in or prolonged exposure to corrosive gases can damage some instruments. Please contact Tiger Optics for more information.

³At typical ambient concentrations

⁴Conditioning/drying required for ambient air samples