

PRISMATIC SPECIFICATIONS SUMMARY ^{1,2}										
PRODUCT	PART #	ANALYTE	GAS MATRIX	LDL	RANGE	SENSITIVITY	ACCURACY (GREATER OF)	PRECISION (GREATER OF)	FLOW RATE	PRESSURE
Prismatic 2 (up to 4 analytes) ³	F8003	H ₂ O	N ₂	10 ppb	0-50 ppm	5 ppb	+/- 4% or 1/2 LDL	+/- 0.5% or $\frac{1}{3}$ sensitivity	< 1 slpm (gas dependent)	20-125 psig (2.4 - 9.6 bara)
			H ₂	10 ppb	0-50 ppm	5 ppb				
			CDA	10 ppb	0-50 ppm	5 ppb				
			He	2.0 ppb	0-10 ppm	1.0 ppb				
PRODUCT	PART #	ANALYTE	GAS MATRIX	LDL	RANGE	SENSITIVITY	ACCURACY (GREATER OF)	PRECISION (GREATER OF)	FLOW RATE	PRESSURE
Prismatic 2 (up to 4 analytes) ³	F8003	CO	N ₂	150 ppb	0-1000 ppm	100 ppb	+/- 4% or 1/2 LDL	+/- 0.5% or $\frac{1}{3}$ sensitivity	< 1 slpm (gas dependent)	20-125 psig (2.4 - 9.6 bara)
			H ₂	180 ppb	0-1200 ppm	120 ppb				
			CDA	150 ppb	0-1000 ppm	100 ppb				
			He	130 ppb	0-800 ppm	90 ppb				
PRODUCT	PART #	ANALYTE	GAS MATRIX	LDL	RANGE	SENSITIVITY	ACCURACY (GREATER OF)	PRECISION (GREATER OF)	FLOW RATE	PRESSURE
Prismatic 2 (up to 4 analytes) ³	F8003	CO ₂	N ₂	200 ppb	0-2000 ppm	150 ppb	+/- 4% or 1/2 LDL	+/- 0.5% or $\frac{1}{3}$ sensitivity	< 1 slpm (gas dependent)	20-125 psig (2.4 - 9.6 bara)
			H ₂	300 ppb	0-3000 ppm	200 ppb				
			CDA	200 ppb	0-2000 ppm	150 ppb				
			He	170 ppb	0-1600 ppm	130 ppb				
PRODUCT	PART #	ANALYTE	GAS MATRIX	LDL	RANGE	SENSITIVITY	ACCURACY (GREATER OF)	PRECISION (GREATER OF)	FLOW RATE	PRESSURE
Prismatic 2 (up to 4 analytes) ³	F8003	CH ₄	N ₂	1.0 ppb	0-10 ppm	0.75 ppb	+/- 4% or 1/2 LDL	+/- 0.5% or $\frac{1}{3}$ sensitivity	< 1 slpm (gas dependent)	20-125 psig (2.4 - 9.6 bara)
			H ₂	1.0 ppb	0-10 ppm	0.75 ppb				
			CDA	1.0 ppb	0-10 ppm	0.75 ppb				
			He	0.7 ppb	0-6 ppm	0.5 ppb				
PRODUCT	PART #	ANALYTE	GAS MATRIX	LDL	RANGE	SENSITIVITY	ACCURACY (GREATER OF)	PRECISION (GREATER OF)	FLOW RATE	PRESSURE
Prismatic 2									< 1 slpm	20-125

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(up to 4 analytes) ³	F8003	NH ₃	N ₂	1.5 ppb	0-15 ppm	1.1 ppb	+/- 4% or 1/2 LDL	+/- 0.5% or $\frac{1}{13}$ sensitivity	(gas dependent)	psig (2.4 - 9.6 bara)
			H ₂	1.0 ppb	0-6 ppm	0.8 ppb				
PRODUCT	PART #	ANALYTE	GAS MATRIX	LDL	RANGE	SENSITIVITY	ACCURACY (GREATER OF)	PRECISION (GREATER OF)	FLOW RATE	PRESSURE
Prismatic 2 (up to 4 analytes) ³	F8003	PH ₃	N ₂	30 ppb	0-15 ppm	22 ppb	+/- 4% or 1/2 LDL	+/- 0.5% or $\frac{1}{13}$ sensitivity	< 1 slpm (gas dependent)	20-125 psig (2.4 - 9.6 bara)
			H ₂	30 ppb	0-15 ppm	22 ppb				
PRODUCT	PART #	ANALYTE	GAS MATRIX	LDL	RANGE	SENSITIVITY	ACCURACY (GREATER OF)	PRECISION (GREATER OF)	FLOW RATE	PRESSURE
Prismatic 2 (up to 4 analytes) ³	F8003	AsH ₃	N ₂	1.0 ppb	0-5 ppm	0.75 ppb	+/- 4% or 1/2 LDL	+/- 0.5% or $\frac{1}{13}$ sensitivity	< 1 slpm (gas dependent)	20-125 psig (2.4 - 9.6 bara)
			H ₂	1.0 ppb	0-5 ppm	0.75 ppb				
PRODUCT	PART #	ANALYTE	GAS MATRIX	LDL	RANGE	SENSITIVITY	ACCURACY (GREATER OF)	PRECISION (GREATER OF)	FLOW RATE	PRESSURE
Prismatic 2 (up to 4 analytes) ³	F8003	HCl	N ₂	0.5 ppb	0-5 ppm	0.4 ppb	+/- 4% or 1/2 LDL	+/- 0.5% or $\frac{1}{13}$ sensitivity	< 1 slpm (gas dependent)	20-125 psig (2.4 - 9.6 bara)
			H ₂	0.5 ppb	0-5 ppm	0.4 ppb				
PRODUCT	PART #	ANALYTE	GAS MATRIX	LDL	RANGE	SENSITIVITY	ACCURACY (GREATER OF)	PRECISION (GREATER OF)	FLOW RATE	PRESSURE
Prismatic 2 (up to 4 analytes) ³	F8003	HF	N ₂	0.1 ppb	0-1 ppm	0.075 ppb	+/- 4% or 1/2 LDL	+/- 0.5% or $\frac{1}{13}$ sensitivity	< 1 slpm (gas dependent)	20-125 psig (2.4 - 9.6 bara)
			H ₂	0.1 ppb	0-1 ppm	0.075 ppb				
PRODUCT	PART #	ANALYTE	GAS MATRIX	LDL	RANGE	SENSITIVITY	ACCURACY (GREATER OF)	PRECISION (GREATER OF)	FLOW RATE	PRESSURE
Prismatic 2 (up to 4 analytes) ³	F8003	HCN	N ₂	1.5 ppb	0-15 ppm	1.1 ppb	+/- 4% or 1/2 LDL	+/- 0.5% or $\frac{1}{13}$ sensitivity	< 1 slpm (gas dependent)	20-125 psig (2.4 - 9.6 bara)
			H ₂	1.5 ppb	0-15 ppm	1.1 ppb				
PRODUCT	PART #	ANALYTE	GAS MATRIX	LDL	RANGE	SENSITIVITY	ACCURACY (GREATER OF)	PRECISION (GREATER OF)	FLOW RATE	PRESSURE
Prismatic 2 (up to 4 analytes) ³	F8003	H ₂ S	N ₂	50 ppb	0-1000 ppm	40 ppb	+/- 4% or 1/2 LDL	+/- 0.5% or $\frac{1}{13}$ sensitivity	< 1 slpm (gas dependent)	20-125 psig (2.4 - 9.6 bara)
			H ₂	50 ppb	0-1000 ppm	40 ppb				

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.

³Not all combinations of analytes are feasible. Please contact Tiger Optics for your specific requirements.