

T Series Instrument Overview

Refer to T Series brochure and individual specification sheets for details.

Ultraviolet Fluorescence Analyzers

Gas	Model	Ranges (Min/Max)	Applications
SO ₂ Sulfur Dioxide	T100U	0-5 ppb / 0-20,000 ppb	Trace level; Background Monitoring; NCORE
	T100	0-50 ppb / 0-20 ppm	Ambient level; Dilution CEM
	T100H	0-10 ppm / 0-5,000 ppm	High level; Extractive CEM
H ₂ S Hydrogen Sulfide	T101	0-50 ppb / 0-20 ppm	Ambient level
Total Reduced Sulfur	T102	0-50 ppb / 0-10 ppm	Ambient level
Total Sulfur	T108U	0-5 ppb / 0-20,000 ppb	Ultra-Sensitive
	T108	0-50 ppb / 0-20 ppm	Ambient level

Chemiluminescence Analyzers

Gas	Model	Ranges (Min/Max)	Applications
NO, NO ₂ , NO _x Nitrogen Oxide Nitrogen Dioxide	T200U	0-5 ppb / 0-2,000 ppb	Trace level; Background Monitoring; NCORE
	T200UP	0-5 ppb / 0-2,000 ppb	Trace level; 'True NO ₂ '; Photolytic Converter
	T200	0-50 ppb / 0-20 ppm	Ambient level; Dilution CEM
	T200M	0-1 ppm / 0-200 ppm	Medium level; Dilution CEM; Turbines
	T200H	0-5 ppm / 0-5,000 ppm	High level; Extractive CEM
NO _y Reactive Oxides of Nitrogen	T200U/NO _y	0-5 ppb / 0-2,000 ppb	Trace level; Background Monitoring; NCORE
NH ₃ Ammonia	T201	0-50 ppb / 0-2,000 ppb	Ambient level
O ₃ Ozone	T265	0-100 ppb / 0-2,000 ppb	Ambient level

Infrared Gas Filter Correlation Analyzers

Gas	Model	Ranges (Min/Max)	Applications
CO Carbon Monoxide	T300U	0-100 ppb / 0-100 ppm	Trace level; Background Monitoring; NCORE
	T300	0-1 ppm / 0-1,000 ppm	Ambient level
	T300M	0-5 ppm / 0-5,000 ppm	High level; CEM; Process
CO ₂ Carbon Dioxide	T360U	0-100 ppb / 0-100 ppm	Trace level
	T360	0-2 ppm / 0-2,000 ppm	Ambient level
	T360M	0-4 ppm / 0-4,000 ppm	Medium level
N ₂ O Nitrous Oxide	T320U	0-200 ppb / 0-200 ppm	Trace level
	T320	0-1 ppm / 0-1,000 ppb	Medium level

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Ultraviolet Absorption Analyzers			
Gas	Model	Ranges (Min/Max)	Applications
O ₃ Ozone (Ambient)	T400	0-100 ppb / 0-10 ppm	Ambient level

Calibration and Zero Air			
Gas	Model	Ranges (Min/Max)	Applications
All Gases	T700U	0-100%	Gas Calibrator; Trace level
	T700	0-100%	Gas Calibrator
	T700H	0-100%	Gas Calibrator; Stack Testing
	702*	0-100%	Gas Calibrator
Zero Air	701*	0-20 LPM, 30 PSI	Zero Air Generator
	701H*	0-30 LPM, 35 PSI	Zero Air Generator
O ₃ Ozone	T703U	0-100 ppb / 0-10 ppm	O ₃ Calibrator; Trace level
	T703	0-100 ppb / 0-10 ppm	O ₃ Calibrator

NDIR and Paramagnetic Analyzers			
Gas	Model	Ranges (Min/Max)	Applications
CO ₂ Carbon Dioxide	T801	0-20% or 0-50%(NDIR)	CEM
O ₂ Oxygen	T802	0-100% (Paramagnetic)	CEM
O ₂ /CO ₂	T803	0-100% (Paramagnetic) 0-20% or 0-50%(NDIR)	CEM

(* Not T Series Instruments)
 Specifications subject to change without notice. Printed documents are uncontrolled. SAL000076C (DCN 6584) Overview 03/20/13.