



## The Model T750 Portable Gas Calibrator



A portable, microprocessor based calibrator for precision gas analyzers, the Model T750 combines highly accurate mass flow controllers and compressed sources of standard gases to provide multipoint span and zero calibrations. UV ozone generator, photometer, and gas phase titration (GPT) chamber options are also available for the T750 for stable and accurate O<sub>3</sub> and NO<sub>2</sub> production.

— With NumaView™ premium T Series software —

- Large, vivid, and durable color touchscreen display
- Lifetime technical support by phone and email
- All other T Series instrument platform features
- Standard two-year warranty

# T750 Specifications

Dilution System	■ Flow Measurement Accuracy	± 1% of full scale
	■ Repeatability of Flow Control	± 0.2% of full scale
	■ Linearity of Flow Measurements	± 0.5% of full scale
	■ Flow Range of Dilution Air	0 - 10 SLPM
	■ Optional Ranges	0 - 20 SLPM, 0 - 5 SLPM
	■ Flow Range of Cylinder Gases*	0 - 100 cc/min
	■ Optional Ranges	0 - 50 cc/min, 0 - 200 cc/min (others available)
	■ Zero Air Requirements	10 SLPM @ 30 psi
	■ Optional Ranges	20 SLPM @ 30 psi
	■ Input Pressure	20 - 40 psig
Ozone Generator Module Option	■ Calibration Gas Input Port	1
	■ Diluent Gas Input Port	1
	■ Maximum Output	5.5 ppm LPM
	■ Minimum Output	100 ppb LPM
UV Photometer Option	■ Response Time	180 seconds to 98%
	■ Range	0 - 100 ppb to 0 - 10 ppm (selectable)
	■ Precision	1.0 ppb
	■ Linearity	1.0% of reading
	■ Rise/Fall Time	< 20 seconds (photometer response)
	■ Response Time	180 seconds to 95% (system response)
Electrical Specifications	■ Zero Drift	< 1.0 ppb/24 hours
	■ Power Requirements	85V-264V, 47Hz-63Hz
Communication Specifications	■ Analog Output Ranges	10V, 5V, 1V, 0.1V (selectable)
	■ Included I/O	1 x Ethernet: 10/100Base-T 2 x RS232 (300-115,200 baud) 2 x USB device ports 12 x digital control outputs 12 x digital control inputs 8 x digital status outputs
Physical Specifications	■ Optional I/O	1 x USB com port 1 x RS485 Multidrop RS232
	■ Operating Temperature Range	5 - 40°C
	■ Dimensions (H x W x D)	9" x 17" x 21" (229 x 432 x 533 mm)
	■ Weight	37 lbs (16.78 kg)
		46.6 lbs (21.14 kg) with photometer, GPT, and O <sub>3</sub> generator

\* Can select 3rd MFC option for wider dynamic range

Specifications subject to change without notice.  
All specifications are based on constant conditions.