



The Model T802 Paramagnetic O₂ Analyzer with Optional CO₂ Sensor



The Model T802 O₂ analyzer uses the proven paramagnetic measurement principle, coupled with state of the art microprocessor technology to provide accurate and dependable measurements of Percent Level O₂. The T802 offers a stable and inherently linear measurement of oxygen, making it possible to calibrate the analyzer by checking only two points. There is no requirement for a reference gas during operation.

— With NumaView™ premium T Series software —

- Optional CO₂ Sensor
- 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

T802 Specifications

■ Ranges	Min: 0-1% full scale Max: 0-100% full scale (selectable)
■ Zero Noise	< 0.02% (RMS)
■ Span Noise	< 0.05% of reading (RMS)
■ Lower Detectable Limit	< 0.04%
■ Zero Drift	< ±0.02% /24 hours; < ±0.05% /7 days
■ Span Drift	< ±0.1% /7 days
■ Accuracy	< ±0.1%
■ Temperature Coefficient	< ±0.01% per degree C
■ Linearity	< ±0.1%
■ Response Time	< 60 seconds to 95%
■ Flow Rate	120 ml ± 20ml/min
■ Humidity Range	0 - 95% RH
■ Pressure Range	25 - 31 in Hg
■ Power Requirements	100V-120V, 220V-240V, 50/60 Hz, Typical power 80W
■ Analog Output Ranges	10V, 5V, 1V, 0.1V (selectable)
■ Recorder Offset	±10%
■ Included I/O	1 x Ethernet: 10/100Base-T 2 x RS232 (300-115,200 baud) 2 x USB device ports 8 x opto-isolated digital outputs 6 x opto-isolated digital inputs 4 x analog outputs
■ Optional I/O	1 x USB com port 1 x RS485 4 x digital alarm outputs Multidrop RS232 3 x 4-20mA current outputs
■ Operating Temperature Range	5 - 40°C
■ Dimensions (HxWxD)	7" x 17" x 23.5" (178 x 432 x 597 mm)
■ Weight	28 lbs (12.7 kg)
■ Optional CO ₂ Sensor Measurement Range	0-20% full scale CO ₂

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



TELEDYNE API
Everywhereyoulook™

9970 Carroll Canyon Road ■ San Diego, CA 92131
Ph. 858-657-9800 Fax 858-657-9816
Email api-sales@teledyne.com

For more information about the Teledyne API family of monitoring instrumentation products, call us or visit our website at:

www.teledyne-api.com

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