BACHARACH
The Measurable Difference

TGA
Trace Gas Analyzer

# Features & Benefits


- Continuous data-logging stores up to 200 readings
- Two TWA capabilities - real time / elapsed time
- Built in purge cycle using a bladder bag provides a constant zero
- Displays PPM/TWA simultaneously
- Internal pump for remote sampling with low flow indicator
- Built-in user-programmable alarm
- Rapid detection of changing $N_2O$ levels
- Easy-to -read LCD display
- 8-12 hours of operation on a full charge
- Maintenance free infrared $N_2O$ sensor

| SPECIFICATIONS | |
|---|---|
| Range | 0-1,000 ppm $N_2O$ |
| Resolution | 1 PPM full range |
| Warm-up time | 15 minutes |
| Accuracy | ± 1 ppm (+) ± 5% of reading from 0-100 ppm<br>± 10% of reading from 101-1000 ppm |
| Case | Metal with fabric pouch |
| Power Source | LI - ION rechargeable battery with gas gauge |
| Operating Temp. | 0 - 50$^0$ C (32$^0$ F - 122$^0$F) |
| Relative Humidity | 5 to 90% (non-condensing) |
| Dimensions | 8"D x 19"L x 5"W |
| Weight | 6 lbs. 12.4 oz. |
| Warranty | 1 Year instrument; 2 year IR cell (excluding cell contamination) |

| ORDERING INFORMATION | |
|---|---|
| PART NO. | DESCRIPTION |
| 3015-4790 | TGA (Trace Gas Analyzer) |
| 3015-4688 | Inlet Filter |
| 3015-4214 | IrDA Cable |
| 0024-1229 | IrDA Printer |
| 0104-1027 | DB9 Cable (to computer) |

Bacharach's TGA (Trace Gas Analyzer) is an advanced $N_2O$ Analyzer. It uses a highly accurate non-dispersive IR cell providing superior stability and repeatability, with a measurement resolution of 1PPM-full range. It provides measurements in either PPM, real time or elapsed time TWA and it has a leak check mode with audible and visual alarms. It has an internal sampling pump and the self contained purge-air bag provides a constant zero enabling the Analyzer to be used in contaminated environments. The TGA has data-logging capabilities to store up to 200 readings which can be downloaded to an optional printer or to a computer.

The rechargeable LI - ION battery provides 8 to 12 hours of continuous operation with a low battery indicator. It provides an effective means of monitoring occupational exposure to $N_2O$ in hospital operating rooms, dental offices, veterinary clinics, and surgical care centers. The TGA can also be used to check for leaks in medical gas pipelines.

TÜV MANAGEMENT SERVICE ISO 9001:2000