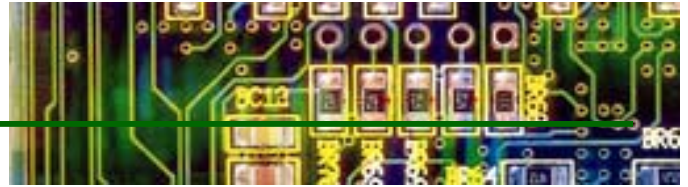


# BACHARACH 3010

## NITROUS OXIDE ANALYZER



### Product Description

The 3010 N<sub>2</sub>O Monitor is an affordable and lightweight personal Nitrous Oxide gas monitor that continuously measures and rapidly detects occupational exposure to N<sub>2</sub>O.

This instrument is a cost-effective monitoring solution for anesthetists, doctors, nurses and biomedical/medgas technicians who work in environments where there is an occupational risk of exposure to Nitrous Oxide, including hospital operating and recovery rooms, medical clinics, surgical centers, and dental and veterinary offices.

Weighing only 8 ounces, the 3010 is a versatile instrument that performs risk assessments, area monitoring, personal monitoring and leak detection in environments where there is a risk of exposure to anesthetic agents. It measures in 5 PPM increments and features both PPM and TWA measurement capabilities, which can be accessed with just a touch of a button. Two modes of TWA are available – real time (over 8 hours) and elapsed time (time unit is switched on). A built-in data-logger provides traceable readings for record keeping purposes. The N<sub>2</sub>O Monitor 3010 also includes an internal sampling pump. And, to span or calibrate the monitor – zeroing in fresh ambient air or with nitrogen is all that is necessary. Comes equipped with an AC charger (#19-3312).



### Highlights

- *Rapid detection of changing N<sub>2</sub>O levels*
- *Continuous data-logging – stores up to 800 readings*
- *2 TWA capabilities – real time / elapsed time*
- *Readings can be toggled between TWA and PPM*
- *No span calibration required – only zero calibration in fresh air*
- *Internal pump for remote sampling with low flow indicator*
- *Built-in, user-activated alarm*
- *Compact and lightweight*
- *Easy-to-read LCD*
- *8 hours of operation on full charge (6 hours with pump operating)*
- *Maintenance-free dual-wavelength infrared sensor*
- *Two-way IrDA communication link*
- *Pressure compensated sensor*

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# Specifications

## **BACHARACH 3010**

- Range:
  - \* 0-1,000 PPM N<sub>2</sub>O; 5 PPM resolution
  - \* 0-10,000 PPM N<sub>2</sub>O for leak detection
- Power Source: Nickel-metal hydride rechargeable battery
- Operating Temperature: 59°F to 77°F (15°C to 25°C)
- Relative Humidity: 0 to 99%, Non-condensing
- Dimensions: 5.5"L x 2.6"W x 0.8"H  
(140 mm x 66 mm x 20 mm)
- Weight: 8 oz.. (227 gm)
- Construction: Hi Impact ABS Case

## **Ordering Information**

<b>Part Number</b>	<b>Description</b>
19-7109	N <sub>2</sub> O Monitor 3010 (with 19-3312 AC charger)
19-3301	IrDA Interface / Software
19-3302	In-car Charger
19-3303	Earphone
BC20-30105	Plastic Carrying Case
BC20-30101	Protective Boot/Stand
19-8027	Calibration Kit (with carrying case, regulator, and tubing)
19-3312	Replacement AC Charger
23-4003	Calibration Gas (100% N <sub>2</sub> , 17 liter tank)

*Specifications subject to change without notice.*

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