

BACHARACH
The Measurable Difference

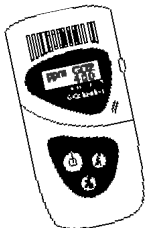
CO₂ MONITOR 2800

Carbon Dioxide Detection
and Warning Device

AUTOMATIC



COMPACT



FIRST RESPONSE SYSTEM FOR CARBON DIOXIDE

Bacharach's CO₂ Monitor 2800 is a compact and lightweight Carbon Dioxide detection and warning device that immediately responds to excessive concentrations of CO₂. The 2800 is based upon the principle of infrared absorption and has two preset alarm levels at 5,000ppm and 10,000ppm. When either of these levels is reached, audible and visual alarm signals are activated, sounding until the CO₂ level drops below the preset level. It is the ideal instrument for agriculture, horticulture, nuclear power plants, food & beverage industry and for organizations concerned about indoor air quality.

Features & Benefits

- Compact & lightweight
- Rapid detection of changing CO₂ levels
- Maintenance free dual wavelength infrared CO₂ sensor
- Visual and audible alarms
- 8 to 10 hours use on a full charge
- Quick, intelligent charge in less than two hours
- Automatic datalogging provides complete CO₂ exposure record
- Two way IrDA communication link
- Easy to read digital display
- Easy calibration in fresh air
- Simple to use



Specifications

Range*	0-50,000 ppm CO ₂ 0-5% CO ₂
Resolution	100 ppm (0.01%CO ₂)
Response Time	T ₉₀ <10 seconds @ 5,000 ppm and 10,000 ppm
Audible Alarm	85dB @ 0.5 meters
Case Seal	NEMA 12 (IP65); dust and water resistant
Power Source	Nickel-metal hydride battery providing up to 10 hours of continuous use
Operating Temp.	32°F to 104°F (0°C to 40°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	7 ounces (200 grams)
Construction	Hi Impact ABS case

*Factory or user-selectable with optional software



Ordering Information

PART NO.	DESCRIPTION
19-7101	CO ₂ Monitor 2800
19-3301	IrDA Interface/Software
19-3302	In-car charger
19-3303	Earphone

PART NO.	DESCRIPTION
19-3304	Protective Boot
19-3305	Calibration Cup
51-2978	Calibration Kit
54-0600	Calibration Gas (340 ppm CO ₂)



Distributed By: AFC International, Inc. PO Box 894 DeMotte, IN 46310 800-952-3293 Fax 219-987-6826 www.afcintl.com

Bacharach is a registered trademark of Bacharach, Inc.
©September, 1996, Bacharach, Inc., all rights reserved. All information herein is subject to verification. Manufactured in the USA.
Product Bulletin-5208 10/98 10M

