CO$_2$ Analyzer 2810, 2815 & 2820
Personal Carbon Dioxide Analyzers

Bacharach's CO$_2$ Analyzers 2810, 2815 & 2820 are compact and lightweight, and provide fast and accurate CO$_2$ measurements. All instruments use a maintenance free dual wavelength pressure and temperature compensated sensor. The 2815 & 2820 have a powerful internal pump for extracting samples and they come with a flexible rubber probe and water trap. All instruments feature built in data-logging for record keeping.

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Features

- Stores up to 850 CO$_2$ readings
- Quick, intelligent charge In less than two hours
- Two way IrDA communication link
- Easy calibration with built-in user cal feature
- Pressure & temperature compensated sensor
- 2810 range - 0-10,000 ppm (10 ppm increments)
  2815 range - 0 - 10,000 ppm (10 ppm increments)
  2820 range - 0-60% (.1% increments)
- Low flow indicator (2815 & 2820)
- Powerful internal pump for remote sampling (2815 & 2820)
- Rapid detection of changing CO$_2$ levels
- Maintenance free dual wavelength infrared CO$_2$ sensor
- 8 to 10 hours use on a full charge

Applications

The 2810 & 2815 are the ideal instruments for IAQ (indoor air quality) surveys, ventilation verification, food processing/packaging, mushroom farms, fermentation and carbonation processes, leak detection for bulk and high-pressure CO$_2$ systems.

The 2820 is the ideal instrument for laboratories to test the CO$_2$ levels of incubators, soil gas analysis, agriculture and horticulture applications.

ORDERING INFORMATION

PART NO.	DESCRIPTION
19-8023	CO$_2$ Analyzer 2810
19-8025	CO$_2$ Analyzer 2820 with pump, sample tube & water trap
19-8028	CO$_2$ Analyzer 2815 with pump, sample tube & water trap
19-3301	IrDA Interface/Software
19-3302	In-Car Charger
19-3303	Earphone
19-3304	Protective Boot
19-3311	Plastic Carrying Case
19-8027	Calibration Kit
24-1125	Calibration Gas (340ppm CO$_2$), 17L (2810 & 2815)
24-1126	Calibration Gas (5% CO$_2$), 17L (2820)
24-1130	Calibration Gas (2500ppm CO$_2$) 17L (2810 & 2815)
23-4003	Calibration Gas (100% N$_2$) 17L (2820)

Continuous CO$_2$ Monitor 2850

The 2850 is an affordable, wall mounted system that continuously monitors CO$_2$ levels in homes and buildings. Installed indoors and outdoors, it monitors CO$_2$ locally (at the sensing module) using a reliable infrared detection unit. Part No. 54-7101