Portable Air Quality Monitor
Comfort Chek®400

The Comfort Chek® 400 provides responsive, reliable IAQ monitoring. ▶

Comfort Chek® 400 Features & Benefits:

- Light weight, handheld monitor
- Simultaneously measure and display CO_2, temperature and RH
- User selection for display of air, wet bulb or dew point temperature
- Audible alarm for CO_2 readings
- Large, high resolution LCD display with bright backlight
- Automatically calculate and displays MIN, MAX, STEL and TWA values for CO_2
- Quick and easy calibration for CO_2 and RH

Economical and Accurate

The Comfort Chek® 400 is Bacharach's new low cost and easy-to-use indoor air quality (IAQ) monitor designed with three sensors to simultaneously measure and record temperature, relative humidity and carbon dioxide (CO_2) levels in the air. The large LCD displays all three sensor readings as well as battery status and is backlit for easy readability in dark environments. The Comfort Chek® 400 operates up to 24 hours with alkaline batteries, or the supplied wall adapter is ideal for around the clock air quality monitoring in office environments, schools, hotels or other public buildings.

Comfort Chek® 400

- Compact and lightweight air quality monitor
- Stable CO_2 sensor measuring, displaying 0-5,000 ppm
- Long run time (up to 24 hours)
- Ideal for indoor air quality monitoring, HVAC measurements and ventilation verification for ASHRAE compliance

The Comfort Chek® 400 includes durable hard-shell carrying case, batteries, wall adapter with North American plug (plus 3 international adapters) and detailed user manual.

Comfort Chek® 400 Specifications

Gases Detected:	Carbon Dioxide
Detection Principle:	Non-Dispersive Infrared (NDIR)
Other Measurements: Temperature Relative Humidity	14° F to 140° F (-10° C to 60° C) 0.1° Resolution 0-99.9% Non Condensing / 0.1% Resolution
Range/Resolution:	CO_2 = 0-5,000 ppm / 1 ppm increments
Accuracy:	CO_2 = ±30 ppm ±5% of reading
Warm-up Time:	30 Seconds
Dimensions:	6.6" L x 2.75" W x 1.25" D (17 cm x 7 cm x 3.2 cm)
Weight:	7.1 oz (200 g) including batteries
Display:	Backlit LCD Display, Simultaneously Displays CO_2 (realtime, MIN, MAX, STEL or TWA), Temp (Air, DP or WB) and RH
Alarm:	User Selectable Alarm Level; Can be Silenced
Operating Temperature Range:	32° F to 122° F (0° C to 50° C)
Operating Humidity Range:	0-95% RH Non-Condensing
Power:	4 AA Alkaline Batteries - disposable only (included) 9 VDC 100-240 VAC Wall Adapter (N. Am. plug + 3 internat'l adapters) included for power only - not for charging.
Run Time:	20 - 24 Hours (Batteries); Continuous w/Wall Adapter
Approvals:	CE Mark
Warranty:	Instrument and CO_2 Sensor - Two Years

Comfort Chek® 400 Ordering Information

1580-8001	Comfort Chek® 400 Kit (instrument comes with batteries, wall adapter (N. Am. plug + 3 international adapters), user manual and hard-shell carrying case
1509-0007	Replacement Wall Adapter

Distributed By:

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The Measurable Difference

BACHARACH IS A U.S. BASED MANUFACTURER

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