



Safety & Specialty Products

# 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<sub>2</sub>, temperature and RH
- User selection for display of air, wet bulb or dew point temperature
- Audible alarm for CO<sub>2</sub> readings
- Large, high resolution LCD display with bright backlight
- Automatically calculate and displays MIN, MAX, STEL and TWA values for CO<sub>2</sub>
- Quick and easy calibration for CO<sub>2</sub> 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<sub>2</sub>) 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<sub>2</sub> 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

<b>Gases Detected:</b>	Carbon Dioxide
<b>Detection Principle:</b>	Non-Dispersive Infrared (NDIR)
<b>Other Measurements:</b> <b>Temperature</b> <b>Relative Humidity</b>	14° F to 140° F (-10° C to 60° C) 0.1° Resolution 0-99.9% Non Condensing / 0.1% Resolution
<b>Range/Resolution:</b>	CO <sub>2</sub> = 0-5,000 ppm / 1 ppm increments
<b>Accuracy:</b>	CO <sub>2</sub> = ±30 ppm ±5% of reading
<b>Warm-up Time:</b>	30 Seconds
<b>Dimensions:</b>	6.6" L x 2.75" W x 1.25" D (17 cm x 7 cm x 3.2 cm)
<b>Weight:</b>	7.1 oz (200 g) including batteries
<b>Display:</b>	Backlit LCD Display, Simultaneously Displays CO <sub>2</sub> (realtime, MIN, MAX, STEL or TWA), Temp (Air, DP or WB) and RH
<b>Alarm:</b>	User Selectable Alarm Level; Can be Silenced
<b>Operating Temperature Range:</b>	32° F to 122° F (0° C to 50° C)
<b>Operating Humidity Range:</b>	0-95% RH Non-Condensing
<b>Power:</b>	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.
<b>Run Time:</b>	20 - 24 Hours (Batteries); Continuous w/Wall Adapter
<b>Approvals:</b>	CE Mark
<b>Warranty:</b>	Instrument and CO <sub>2</sub> Sensor - Two Years

## Comfort Chek® 400 Ordering Information

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

### Distributed By:

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