

PICO® Air Quality Monitor (CO₂, RH, Temperature)



Compact Convenience

Pocket-sized design (5×5 cm / 2×2 in) for convenient indoor air quality monitoring

Environmental Mindfulness

Sustainable aluminium design, minimal plastic components, and durable functionality

Key Indicators

CO₂ Levels

Below 1000ppm - Optimal CO₂ Levels indoors

1000-1500ppm - decreased cognitive ability, unhealthy for sensitive people

1500-2000 - poor air, drowsiness, prolonged stay can effect health

Above 2000 - stagnant, stale, stuffy air, may cause increased heart rate and nausea

Temperature & Humidity

For a comfortable and healthy indoor environment, aim for an indoor temperature between +18 to +24 °c (+64 to +75 °F) and relative humidity (%RH) within the range of 40% to 60%, as %RH significantly impacts our temperature perception and overall comfort.

Welcome to the VENTI family!

This app helps you track the levels of carbon dioxide (CO₂), relative humidity, and temperature in real time, providing you with up-to-date information on your indoor air quality.

By downloading our APP you will also be able to:

- ◆ Choose your PICO® display
- ◆ Access sensor data and history
- ◆ Set CO₂ measurement intervals

- ◆ Change temperature to °C or °F
- ◆ Manage CO₂ alerts
- ◆ Update your sensor and app
- ◆ Stay informed with real-time air quality data
- ◆ Track and analyse historical data to monitor improvements

Elevate your indoor environment with the VENTI app and take control of your well-being in style.

Google App Store <https://play.google.com/store/apps/details?id=com.aspired.airvalent>

Apple Store <https://apps.apple.com/sa/app/airvalent/id6469072813>

PICO® uses a nondispersive infrared sensor (or NDIR) – a photoacoustic technology which provides the most accurate and reliable CO₂ measurements. PICO® is charged through a USB Type-C cable. Battery life is up to 31 days. Full charge time is up to 1h. PICO® is IP40 certified. The monitor is built using high-quality anodized aluminum and durable tempered glass, which protects the device from bumps and scratches. The PICO® app will always remind you of high CO₂ levels by sending a friendly reminder.

Data is stored on the device for up to 2 years, which allows you to keep track of air quality improvements.

The Bluetooth reception radius is 10m. Data encryption guarantees safe pairing between your phone and the PICO® monitor, storing data only on your phone.