

AirSmart HCHO

Smart air quality monitor for detecting formaldehyde in your indoor environment.

🌡 Temperature

💧 Humidity

🧪 HCHO



Scan QR or visit docs.monkeytronics.co.nz to access more information about our products.



Overview

AirSmart HCHO monitors formaldehyde (HCHO) concentration, temperature, and humidity in real time, giving homes, offices, and laboratories the data they need to maintain a safe indoor environment. Its high-resolution display provides instant visibility, while Wi-Fi connectivity allows access anytime via the Monkeytronics app.

Formaldehyde exposure is a serious health concern. AirSmart HCHO detects changes at parts-per-billion resolution so you can act before levels become harmful.

Installation

Installing your AirSmart HCHO is simple. Follow these steps using the Monkeytronics mobile app.

- ① Scan QR Code
- ② Customise your device
- ③ Configure Wi-Fi

Installation is completed via the Monkeytronics mobile app; please ensure Bluetooth and camera access are enabled before getting started.

Accuracy

 Temperature ¹	 Humidity	 HCHO
± 0.3 °C	± 2.5 %	± 20 ppb or 20 %

Specs

Dimensions	11.1 cm × 6.2 cm × 2.7 cm
Power	Micro USB charger ²
Connectivity	Wi-Fi with WPA2 Security
Sampling Interval	Every few seconds
Cloud Reporting Interval	Every 15 minutes



¹ Sensirion SFA30 figures: formaldehyde ±20 ppb or ±20 % of reading, whichever is larger, 0 to 1,000 ppb; temperature ±0.3 °C; humidity ±2.5 %.

² Supplied.

Benefits

- Detect formaldehyde levels at parts-per-billion resolution before they become a health risk
- Early detection allows you to take corrective action before problems escalate
- Helps prevent long-term health problems associated with formaldehyde exposure, including respiratory issues, skin and eye irritation, and certain cancers
- Provides peace of mind for homes, offices, laboratories, and any space where air quality matters
- Supports compliance with regulations that limit formaldehyde emissions in indoor environments

Features

-  Large, high-res colour display
-  Customisable notifications
-  Real-time data for HCHO concentration, temperature & humidity
-  Web portal with reporting
-  Mobile app for data access anywhere
-  Heatpump and ventilation feedback
-  Wi-Fi connectivity, no ongoing costs
-  Easy data sharing with friends, family and healthcare providers