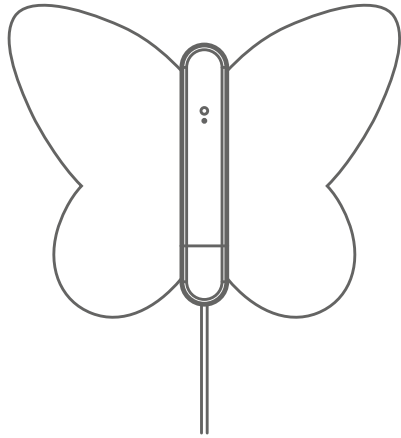


# Morpho

## Device Specifications



Measurements	Sensor Technology	Measuring Range	Accuracy
Carbon Dioxide	Nondispersive Infrared Sensor (NDIR)	0 - 40000ppm	±30ppm
Temperature	Complementary Metal Oxide Semiconductor (CMOS)	-40 - 70°C	±0.4°C
Humidity	Complementary Metal Oxide Semiconductor (CMOS)	0 - 100%RH	±3%RH
Total Volatile Organic Compounds	Medal Oxide (MOX) Technology	0 - 65000ppb	±12%
Formaldehyde	Electrochemical Sensing Technology	0 - 1000ppb	±20ppb
Particulate Matter (PM1, PM2.5, PM10)	Light Scattering Laser Particle Sensor	0.01µg/m <sup>3</sup> - 1500mg/m <sup>3</sup>	±10%

Option to add NO<sub>2</sub>, O<sub>2</sub> and CO sensor upon request.



# Morpho

## Device Specifications

Patented LaminAir flow to provide homogenous airflow into sensor module, ensuring new batches of air being used for each measurement.

LED wing array for quick at-a-glance air quality feedback.



**Dimensions:** 230 x 288 x 42.5mm

**Connectivity:** Wi-Fi, 2.4 GHz 802.11 b/g/n

**Power:** 5V 2.1A DC USB adapter and cable

**Data Sampling interval:** 10 minutes

**Warranty & durability:** Standard 1 year. Expected lifespan 5-7 years

**Installation:** Wall mount

**Maintenance:** Annual sensor recalibration with swappable sensor module

**List price:** £900 (ex. VAT)

**Subscriptions:** Maintenance + recalibration charge  
£12.50 / month for each unit. Data Management & storage charge  
£125/month up to 100 units

