



Hanwei

Shenzhen Hanwei IoT Co., Ltd.



www.hwiote.com



shenzhen
hanwei

Dangerous Gas Care



Beauty Care



Air Health Care



About Us

Shenzhen Hanwei IoT Co., Ltd. is a leading high-tech enterprise specializing in sensor application technologies. We are committed to delivering comprehensive, one-stop sensor solutions and pioneering innovative products tailored for the global healthy living market. Our diverse product portfolio includes advanced air healthcare devices, beauty care solutions, and cutting-edge toxic/hazardous gas detection technologies. Headquartered in Shenzhen, China, we leverage state-of-the-art R&D laboratories, advanced manufacturing facilities, robust technical expertise, and extensive industry experience to provide world-class products and services to our global clients and customers. Our mission is to enhance quality of life through intelligent sensor technologies and innovative IoT solutions.





Mini
Electrochemical
Alcohol Tester

Mini601-Alco



Mini
Carbon Dioxide
(CO₂) Detector

Mini600-CO₂



Mini
Formaldehyde
(HCHO) Tester

Mini601-HCHO



Mini
Carbon Monoxide
(CO) Detector

Mini600-CO



Mini
Alcohol Tester

Mini602-Alco



Mini
All-in-one Air
Quality Monitor

Mini603-AQ
- Mini603-AQ/CO2



Portable Skin
Hydration Tester

SkinDr400-Hydro



Multi-Function
Phototherapy
Detection Beauty Device

SkinDr600-Hydro





Protect every breath you take, Mini All-in-one Air Quality Monitor air quality monitor accurately checks for you. PM2.5, formaldehyde, TVOC、CO₂ and other pollutants are no longer invisible, and real-time data is presented intuitively, as if equipping the air with "X-ray vision", allowing you to control the air quality of your home and office environment at any time, start a journey of fresh breathing, and protect the health of your whole family.



Mini All-in-one Air Quality Monitor

Mini603-AQ - Mini603-AQ/CO₂

Mini All-in-one Air Quality Monitor

Mini603-AQ - Mini603-AQ/CO₂

- Home Environment:** Real-time monitoring of indoor CO₂ and particulate matter to ensure family health and prevent air pollution.
- Office:** Monitoring air quality to enhance employee efficiency and comfort.
- School:** Helping teachers and students understand classroom air quality to ensure a healthy learning environment.
- Outdoor Activities:** Monitoring surrounding air quality during camping, hiking, and other outdoor activities to protect health.
- Public Spaces:** Real-time air quality monitoring in crowded areas like malls and restaurants to safeguard customer health.
- Industrial Environment:** Monitoring harmful gases and particulates in factories and warehouses to ensure employee safety.
- Health Monitoring:** Allowing individuals with respiratory conditions to stay informed about air quality changes to adjust their activities accordingly.





Mini All-in-one Air Quality Monitor

Mini603-AQ - Mini603-AQ/CO₂

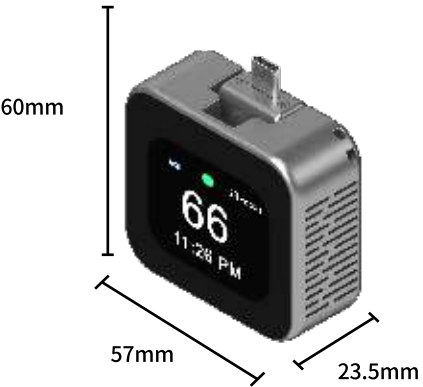
Product Parameters

Average current	<200mA @(5V)
Operating voltage	5V±0.2V(Type-C)
Operating temperature	-10°C~50°C
Storage temperature	0~30°C
Product size	60mmx57mmx23.5mm
Display size	2.01 Inch 寸(Resolution 296*240)
Input interface	Type-C interface, Rotatable 90°

Detection range

PM2.5	0-999µg/m ³
PM10	0-999µg/m ³
VOC	1-500
CO ₂	400-5000ppm
Humidity	10%RH~90%RH
Temperature	-10°C~60°C

Personalization



Mini Alcohol Tester

Mini602-Alco

A safety guard in your pocket, a precise check between breaths Mini Alcohol Tester, designed for a convenient life. Minimalist design, one-handed operation without pressure; extremely fast detection, instantly knowing the alcohol status. With it by your side at family gatherings and bars, you can be alert at all times, making every trip safe and secure, away from the dangers of drunk driving.



Mini Alcohol Tester

Mini602-Alco

It is suitable for a variety of scenarios, including parties and social events, travel and outdoor adventures, safety checks before driving, sports and leisure entertainment, business and work occasions, and an ideal gift choice.



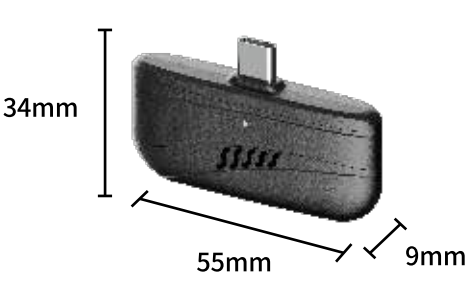


Mini Alcohol Tester

Mini602-Alco

Product Parameters

Measurement Target	Blood alcohol concentration from breath
Measurement Range	0 ~ 200 BAC (mg/100ml) / 0.00%~0.19% BAC
Resolution	±0.01% BAC
Operating Temperature	0°C~40°C
Storage Temperature	0°C~30°C
Operating Current	≤24mA @5V
Battery Type	No built-in battery (Powered by smartphone)
Operating Voltage	3.3V (Lightning)/5V (Type-C)
Product Dimensions	55mm x 34mm x 9 mm
Product Weight	7.5 g
App Compatibility APP	iOS and Android
App Availability APP	Available on the Apple App Store and Google Play Store



Personalization

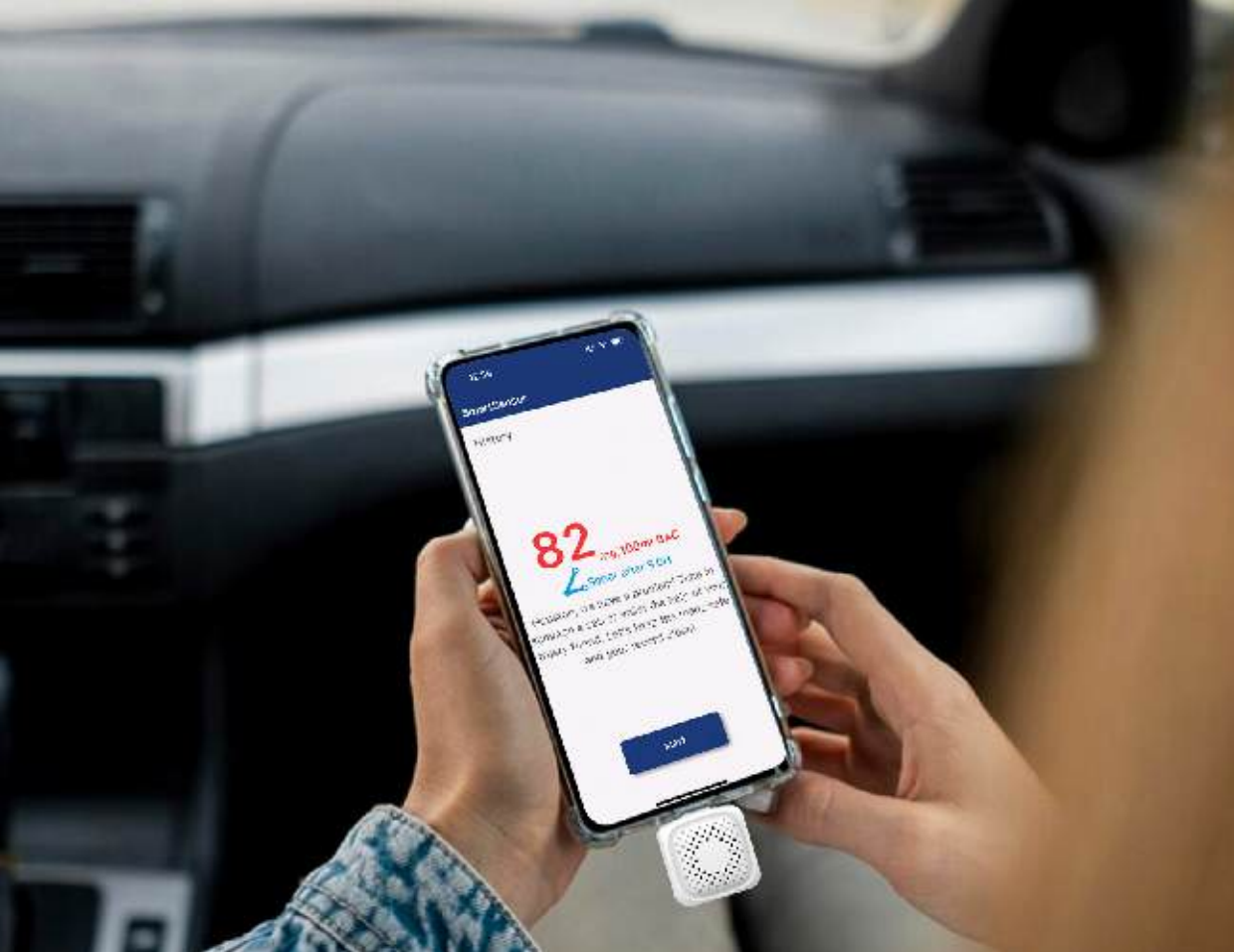




Mini Electrochemical Alcohol Tester Mini601-Alco

Technology-driven, safety upgrade. The Mini Electrochemical Alcohol Detector integrates cutting-edge electrochemical technology and smart chips. It can not only accurately detect alcohol content, but also has intelligent calibration and data memory functions. It automatically adapts to environmental changes to ensure that the detection is always accurate. Every test data can be stored and queried, allowing you to know your drinking situation clearly and use technology to open a new experience of safe travel.



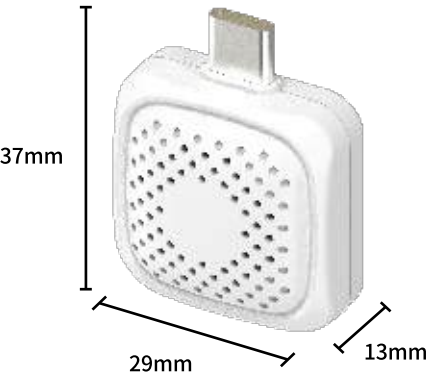


Mini Electrochemical Alcohol Tester

Mini601-Alco

Product Parameters

Sensor	High-precision electrochemical sensor
Measurement Target	Blood alcohol concentration from breath
Measurement Range	0 ~ 200 BAC (mg/100ml) / 0.00% ~ 0.19% BAC
Resolution	±0.01% BAC
Operating Temperature	0°C~40°C
Storage Temperature	0°C~30°C
Operating Current	<5mA @5V
Battery Type	No built-in battery (Powered by smartphone)
Operating Voltage	3.3V (Lightning)/5V (Type-C)
Product Dimensions	37mm x 29mm x 13mm
Product Weight	6.7g
App Compatibility APP	iOS和Android
App Availability APP	Apple App Store and Google Play Store



Personalization



Mini Carbon Monoxide (CO) Detector

Mini600-CO



Entering a new era of smart security, the Mini Carbon Monoxide Detector is leading the way. With a built-in smart chip and IoT function, it can not only accurately detect carbon monoxide, but also transmit data to the mobile phone APP in real time, with monitoring and historical backtracking. No matter where you are, the safety of your home is under your control, and technology empowers you to prevent danger from taking advantage of you.



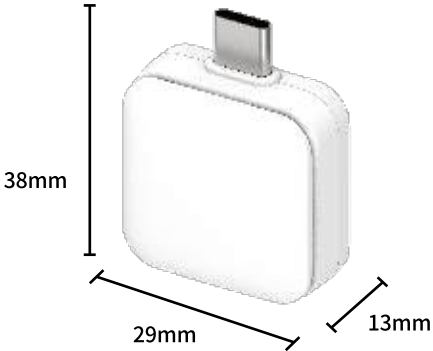


Mini Carbon Monoxide (CO) Detector

Mini600-CO

Product Parameters

Measurement Targets	CO, Temperature , Humidity
Measurement Range	0 ~1000ppm
Operating Current	<5mA @(5V)
Operating Voltage	3.3V (Lightning)/5V (Type-C)
Operating Temperature	-10°C~80°C
Storage Temperature	0°C~30°C
Product Dimensions	38mm x29mmx13mm
Product Weight	9.5g
Measurement Standard	Complies with JJG-915-2008



Personalization





Mini Carbon Dioxide (CO₂) Detector

Mini600-CO₂

The "quality inspector" of breathing, the Mini Carbon Dioxide Detector accurately controls every inch of air for you. In closed spaces such as offices, classrooms, and bedrooms, it uses ultra-sensitive sensing technology to quickly capture changes in carbon dioxide concentrations. The real-time data is clear at a glance, allowing you to open windows for ventilation in time, enjoy fresh oxygen-rich air, say goodbye to dullness and sleepiness, and be full of energy all day long.



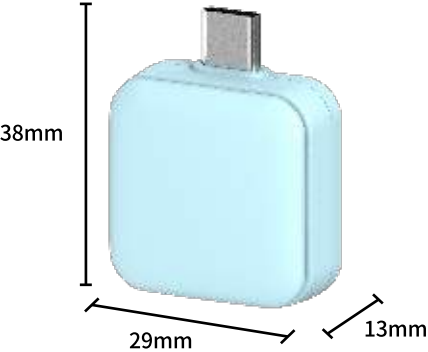


Mini Carbon Dioxide (CO₂) Detector

Mini600-CO₂

Product Parameters

Measurement range	CO ₂ , Temperature , Humidity
Measurement range	CO ₂ : 400~5000 ppm Temperature: -10°C~50°C Humidity: 10%~80%
Average current	<30mA @(5V)
Operating voltage	3.3V (Lightning)/5V (Type-C)
Operating temperature	-10°C~50°C
Storage temperature	0~30°C, Recommend 25°C左右
Product size	38mm x 29mm x 13mm
Product weight	7g



Personalization

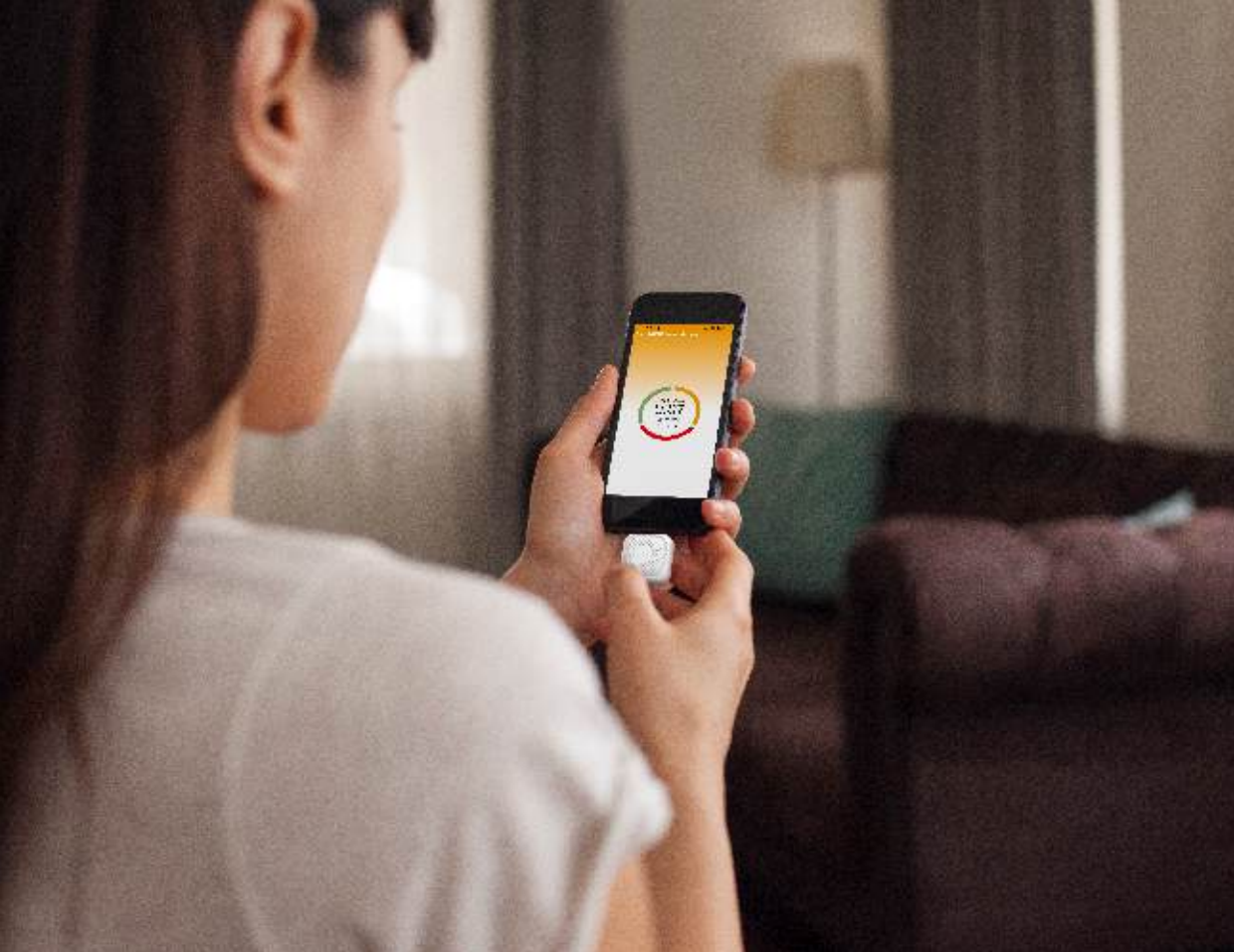


Mini Formaldehyde (HCHO) Tester

Mini601-HCHO

Formaldehyde "hunter", strike with precision! The Mini Formaldehyde Tester, equipped with a high-precision sensor and advanced detection technology, is as sharp as "Sherlock Holmes" and will not miss any trace of formaldehyde in the air. Whether it is the hidden pollution after the decoration of a new house or the trace formaldehyde emitted by furniture, it can accurately measure and present you with the most realistic formaldehyde concentration data, so that you can know your home environment well.



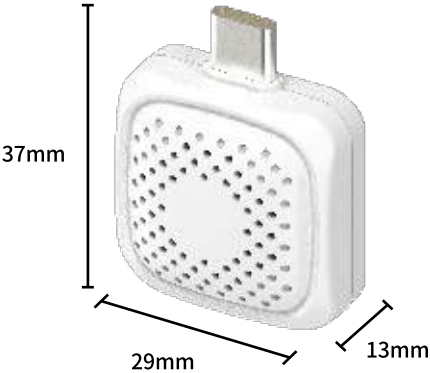


Mini Formaldehyde (HCHO) Tester

Mini601-HCHO

Product Parameters

Measurement range	HCHO, Temperature , Humidity
Core material	Electrochemical HCHO sensor
Measurement Range	0.00 ~ 2.00 ppm
Average current	<5mA @(5V)
Operating voltage	3.3V (Lightning)/5V (Type-C)
Working Temperature	-10°C~50°C
Storage Temperature	0~30°C, 25°C Recommend
Product size	37mm x 29mm x 13mm
Product weight	7.5g



Personalization



Multi-Function Phototherapy Detection Beauty Device

SkinDr600-Hydro

The exclusive "light" for your skin, the Mang Magic Box multifunctional phototherapy detection beauty instrument is here! It integrates cutting-edge phototherapy technology and precise detection, just like bringing a professional beauty salon home. Red and blue light accurately target skin problems. Red light activates collagen to reshape firmness and elasticity; blue light controls oil and reduces inflammation to fight acne. The intelligent detection function is like a "magnifying glass" for the skin, deeply analyzing the skin condition, tailoring a skin care plan for you, starting a journey of anti-aging skin, and letting beauty bloom with time.



Multi-Function Phototherapy Detection Beauty Device

SkinDr600-Hydro



Home Skincare: Use at home for on-demand light therapy and skin assessments to enhance skincare results.

Travel: Lightweight and portable, ideal for travelers to maintain skin health and enjoy light therapy anytime.

Beauty Salons: Professionals can utilize the device for client light therapy and skin evaluations, delivering personalized services.

Daily Care: Perfect for everyday use to help maintain skin moisture and oil balance.



Multi-Function Phototherapy Detection Beauty Device

SkinDr600-Hydro

Product Parameters

Product name	Multi-Function Phototherapy Detection Beauty Device
Product model	SkinDr600-Hydro
Working mode	Brightening, Acne Treatment, Soothing, Nutrient Absorption, Cleansing, Skin Analysis
Bead Wavelength	Water content 0-99%, Oil content 0-65%
Introduction frequency	200Hz
Lamp bead band	450nm 650nm 850nm
Lamp power density	Maximum135mW/cm2
Appearance size	48mm×51.6mm×162.2mm
Shell material	PC+ABS

Surface process	Vacuum plating or oil spraying
Product weight	142g
Screen size	0.9 Inch寸 TFT
Battery parameters	400mAh/Rechargeable lithium battery 400mAh
Battery life	Continuous operation at maximum power for at least one hour
Charging interface	Type-C/5V
Working environment	15-35°C, Relative humidity ≤70%
Storage environment	-10-60°C, Relative humidity ≤80%
Transmission form	Supports Bluetooth connectivity

Personalization





Portable Skin Hydration Tester

SkinDr400-Hydro

Precise skin care starts with understanding the moisture content of your skin. Skin Moisture Detector, with its professional optical detection principle, breaks through the limitations of traditional detection and can accurately distinguish the moisture distribution of the skin's surface, middle and bottom layers. It can keenly sense moisture changes as small as 0.1%, providing an accurate scientific basis for your skin care journey, allowing every drop of skin care products to achieve maximum effectiveness.



Portable Skin Hydration Tester

SkinDr400-Hydro

Product Parameters

Bluetooth version	Applicable to Android 4.4 and above iOS 8.0 and above
Measurement range	Water content 0-99%, Oil content 0-65%
Appearance size	45mm×42mm×163mm
Weight	≤100g
Battery	3.7V-400mAh
Working current	≤180mA
Working environment	15-35℃, Relative humidity≤70%
Storage environment	-10-60℃, Relative humidity≤80%



Personalization

