

BEST QUALITY MADE IN KOREA

ArimAir

Out- and Indoor Air Quality Monitor

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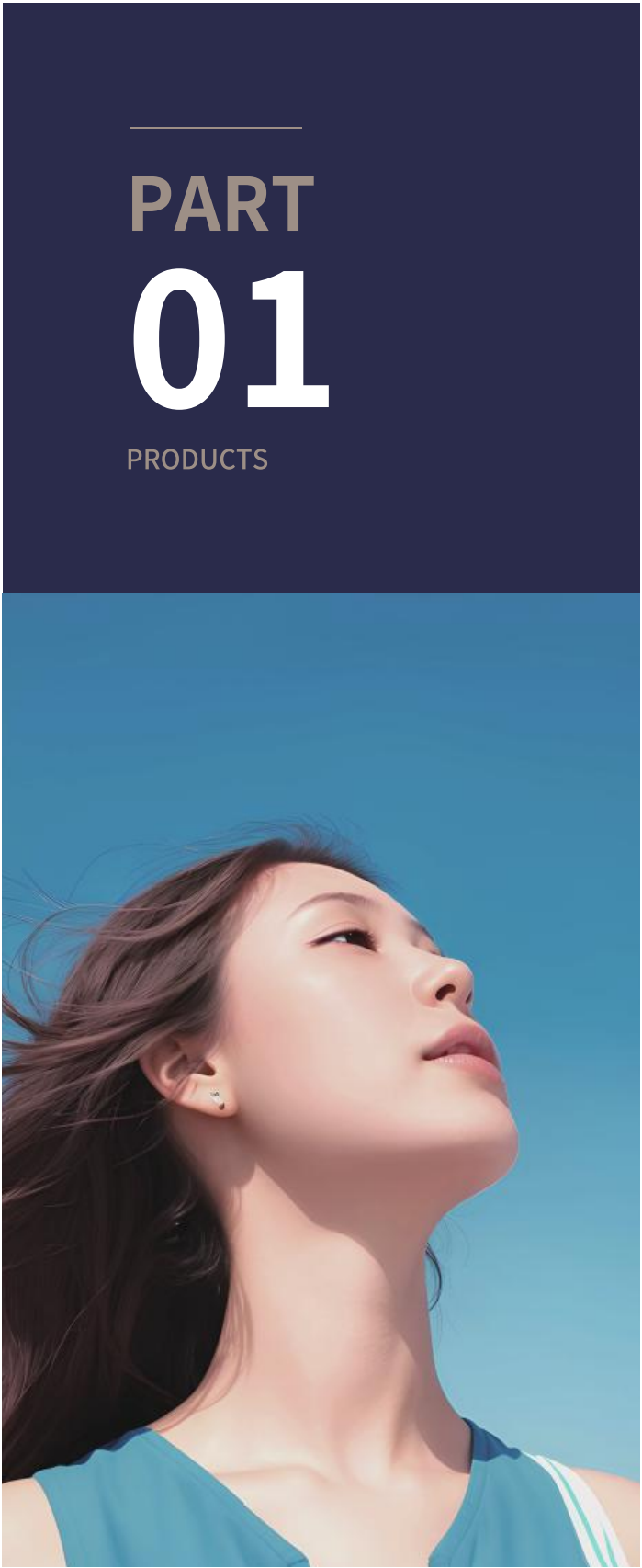
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ARIM

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ArimAir,
always
between
your Breath
and Rest



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ABOUT

ARIM SCIENCE

As fine particulate matter levels worsen annually, the safe havens where our children can play without restraint are vanishing before our eyes.

At ARIM SCIENCE Inc., we were founded on the vision of a future where children can frolic unencumbered by masks, and where the 'sky blue' remains true to its name.

Our mission is deeply rooted in the belief that the joy of unbridled play in clean, open air is not just a luxury, but a fundamental right. We are steadfast in our commitment to turning this vision into reality, ensuring that the azure expanses above remain a source of wonder and health for generations to come.

ARIM SCIENCE Inc. leads the global industry in air quality measurement, acclaimed for its precise and dependable technologies. Guided by a CEO with significant experience developed at the Korea Atomic Energy Research Institute, the company emerges as a hub of innovation, specializing in the detection and monitoring of substances that pose a threat to health, such as radon and fine particulate matter. By harnessing the most recent advancements in IoT (Internet of Things) technology, ARIM SCIENCE Inc. provides continuous, real-time tracking of these dangerous pollutants, ensuring an unmatched level of safety.

Marked by its unparalleled technological expertise, ARIM SCIENCE Inc. attracts professionals and forward-thinkers who are deeply committed to the pursuit of cleaner air. Our researchers, united by a dedication to public health and environmental sustainability, work relentlessly to enhance and progress the field of air quality monitoring. Their goal extends beyond mere innovation; they aim to transform our understanding and management of air quality challenges, striving to make clean, breathable air a standard for all. Through extensive research, strategic partnerships, and active community involvement, ARIM SCIENCE Inc. is actively crafting a future where the air we breathe supports, rather than endangers, our health and well-being.

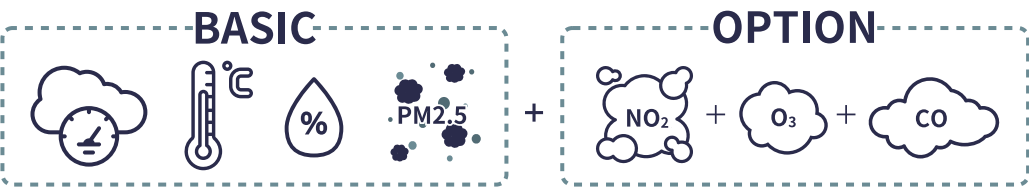
ArimAir,
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Outdoor
Air Quality Monitor

01. ArimAir OA200	05P
02. ArimAir OA100	07P

ArimAir OA200M

ARIM SCIENCE's OA200M, a premium air quality measuring device, seamlessly integrates into spaces with a power supply, eliminating the need for separate enclosures. This not only optimizes space but also showcases an exceptional design. The device offers a quick four-step air quality assessment via its bottom-mounted LED, enabling straightforward monitoring of ambient conditions. Moreover, users have the capability to monitor and manage data via a dedicated monitoring website.



KOREA'S FIRST and BEST

Acquired first grade in all measurement items as a first in Korea, with completion of the Ministry of Environment performance certification!



Certifications

- PM2.5 Performance Certification Grade 1** from Ministry of Environment (No. KTR-2021-44)
- NO₂ Performance Certification Grade 1** from Ministry of Environment (No. PAA-01-2023-1)
- O₃ Performance Certification Grade 1** from Ministry of Environment (No. PAA-03-2023-1)
- CO Performance Certification Grade 1** from Ministry of Environment (No. PAA-02-2023-3)
- Green Technology Certification** from Ministry of Environment (No. GT-22-01507)
- Green Technology Product Certification** from Ministry of Environment (No. GTP-23-03340)
- Q-MARK** form Korea Institute of Machinery, Electrical and Electronic Testing (No. R74-2021-001)
- GOOD DESIGN** from Ministry of Trade, Industry and Energy (No. G2022A01_00249)

Product Details

ITEM	DETAIL
S I Z E	H 243 × ø 115 [mm]
W E I G H T	< 2,000g
RATED VOLTAGE	DC 9~24V (proper 12V) / 15W
I N T E R F A C E	Wi-Fi, RS232, RS485, LTE
DATA PROVISION	dedicated monitoring Website / (negotiable) Mobile App

Sensor Specification

NO ₂	O ₃	CO	PM2.5
0.005 - 1 ppm (certified margin of Error 29.2%)	0.010 - 1 ppm (certified margin of Error 29.8%)	0.2 - 10 ppm (certified margin of Error 25.5%)	0 – 1,000 µg/m ³ (certified Accuracy 89.5% @0-200µg/m ³)
Atmospheric Pressure		Temperature	Humidity
300 - 1,200 hPa (Accuracy ±1 hPa)		-40 – 125°C (Accuracy ±0.1°C)	0 – 100% R.H. (Accuracy ±1.0% R.H.)

Customization options, including adjustments to sensor measurement parameters and ranges, are available. For further details, please reach out to the ARIM SCIENCE Inc. Customer Center.

ArimAir OA100



Enhance Workplace Safety with Ease

Sleek and robust, the ArimAir OA100 is designed for seamless integration into any work environment, from bustling factories to urban environment. Its compact design not only complements workplace aesthetics but also offers unparalleled ease of installation and use, making it the ideal choice for businesses committed to maintaining a safe and healthy work atmosphere.

simple,
so easy

The OA100 system monitors four essential air quality indicators in real-time: nitrogen oxides (NOx), sulfur oxides (SOx), ozone — pollutants mainly emitted by vehicles and industrial activities — and fine particulate matter. This system is designed to protect workers who spend extended periods within work facilities by incorporating an alarm feature that activates when the concentrations of these harmful substances exceed established safety thresholds.



Certifications

- PM2.5 Performance Certification Grade 1** from Ministry of Environment (No. KTR-2021-06)
- International Protection Test Grade IP56** from Korea Testing Certification institute (No. 2021-00868)
- Green Technology Certification** from Ministry of Environment (No. GT-22-01507)
- Green Technology Product Certification** from Ministry of Environment (No. GTP-23-03340)
- Q-MARK** form Korea Institute of Machinery, Electrical and Electronic Testing (No. R74-2021-001)

Product Details

ITEM	DETAIL
S I Z E	Measuring part H 220 × ø 200 [mm] Power part H 200 × W 100 [mm]
W E I G H T	< 2,500g
RATED VOLTAGE	AC 95 - 265V / 47 - 440Hz
I N T E R F A C E	Wi-Fi, LTE
DATA PROVISION	dedicated monitoring Website / (negotiable) Mobile App

Sensor Specification

NO ₂	SO ₂	O ₃	PM2.5
0 - 1 ppm (Accuracy ±15%)	0 - 1 ppm (Accuracy ±15%)	0 - 1 ppm (Accuracy ±15%)	0 – 1,000 µg/m ³ (certified Accuracy 89.5% @0-200µg/m ³)
Temperature		Humidity	
-40 – 125°C (Accuracy ±0.1°C)		0 – 100% R.H. (Accuracy ±1.0% R.H.)	

Customization options, including adjustments to sensor measurement parameters and ranges, are available. For further details, please reach out to the ARIM SCIENCE Inc. Customer Center.

Which ArimAir is better for me?

WHERE	WHAT	HOW
Where ArimAir is installed is an important factor in choosing ArimAir	Which substance you want to measure is an important factor in choosing ArimAir	How the data is received is an important deciding factor
<ul style="list-style-type: none">▪ ArimAir OA200 does not require an enclosure, making it easy to install anywhere with access to a power supply▪ ArimAir OA100 comes with a separate enclosure to ensure a more stable power and data supply	<ul style="list-style-type: none">▪ ArimAir OA200 measures atmospheric pressure, temperature, humidity, PM2.5, and optionally NO₂, O₃, and CO▪ Arimair OA100 measures temperature, humidity, PM2.5, and optionally NO₂, O₃, and SO₂	<ul style="list-style-type: none">▪ Arimair OA200 features standard WiFi and optional LTE, and in areas with limited wireless access, such as mountainous regions, supports RS232 or RS485▪ Arimair OA100 features standard WiFi and optional LTE for an additional fee

Customization options, including adjustments to sensor measurement parameters and ranges, are available. For further details, please reach out to the ARIM SCIENCE Inc. Customer Center.

*reasonable,
customer friendly,
finally satisfied*
with ArimAir

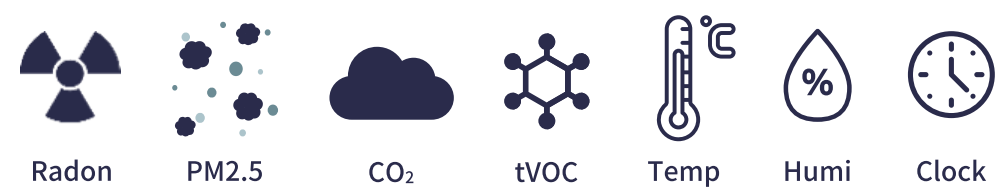


Indoor Air Quality Monitor

- 01. ArimAir RA300 10P
- 02. ArimAir RA201 12P

ArimAir RA300

The RA300 by ARIM SCIENCE Inc. is an advanced indoor air quality meter designed for precision and ease of use. It simultaneously measures six critical air parameters: radon, ultrafine dust, VOCs, carbon dioxide, temperature, and humidity, presenting the data on an easily readable display for real-time updates. Compact and elegantly designed, it can be effortlessly integrated into any living space. Recognized for its reliability, the RA300 has received the highest performance certification for its accurate measurement of radon, fine dust, and carbon dioxide.



Certifications

- Radon Performance Certification Grade 1** from Ministry of Environment (NO. PIA-02-2023-4)
- PM2.5 Performance Certification Grade 1** from Ministry of Environment (No. KTR-2021-46)
- CO₂ Performance Certification Grade 1** from Ministry of Environment (No. PIA-01-2023-33)
- Green Technology Certification** from Ministry of Environment (No. GT-22-01507)
- Green Technology Product Certification** from Ministry of Environment (No. GTP-23-03751)
- Q-MARK** form Korea Institute of Machinery, Electrical and Electronic Testing (No. R74-2021-001)
- FCC** from Federal Communications Commission of U.S.A. (No. 2BDYS-RA300)
- SRRC** from Ministry of Information Industry of China (No. CMIIT: 2023DJ19307)

Product Details

ITEM	DETAIL
S I Z E	W 130 × L 72 × H 160 [mm]
W E I G H T	< 800g
RATED VOLTAGE	DC 5V / 10W
I N T E R F A C E	Wi-Fi

Sensor Specification

Radon	PM2.5	CO ₂	VOC
7 - 3,700 Bq/m ³ (certified Accuracy 89.2%)	0 – 1,000 µg/m ³ (certified Accuracy 89.5% @0-200µg/m ³)	0 - 40,000 ppm (certified Accuracy 86% @400-2,000ppm)	0 – 1,000 ppm (Accuracy ±15%)
Temperature		Humidity	
-40 – 125°C (Accuracy ±0.1°C)		0 – 100% R.H. (Accuracy ±1.0% R.H.)	

Customization options, including adjustments to sensor measurement parameters and ranges, are available. For further details, please reach out to the ARIM SCIENCE Inc. Customer Center.

ArimAir RA201




The Compact Air Quality Solution for Everyone


The compact ArimAir RA201 is designed for seamless integration into various settings, including homes, crowded libraries, and offices. Its design enhances the aesthetic appeal of any space and offers straightforward installation and operation, making it ideal for the elderly and young children to manage air quality.

compact,
so easy


The ArimAir RA201, excels in indoor air quality detection, capable of concurrently measuring six indoor air variables: radon, fine paticulate matter, carbon dioxide, VOCs as well as temperature and humidity. It has the distinction of being the first device in Korea to receive a first-class performance certification as a simple radon meter, a notable achievement following the amendment of the Environmental Testing and Inspection Act. Moreover, it also boasts grade 1 performance certification for measuring fine particulate matter and carbon dioxide, enhancing its reliability and utility in indoor environments.




Radon




PM2.5




CO₂



tVOC



Temp



Humi



Certifications

- Radon Performance Certification Grade 1 from Ministry of Environment (NO. PIA-02-2022-1)
- PM2.5 Performance Certification Grade 1 from Ministry of Environment (No. KTR-2022-07)
- CO₂ Performance Certification Grade 1 from Ministry of Environment (No. PIA-01-2023-19)
- Green Technology Certification from Ministry of Environment (No. GT-22-01507)
- Green Technology Product Certification from Ministry of Environment (No.GTP-23-03340)
- Q-MARK form Korea Institute of Machinery, Electrical and Electronic Testing (No. R74-2021-001)

Product Details

ITEM	DETAIL
S I Z E	W 92 × L 92 × H 110 [mm]
W E I G H T	< 400g
RATED VOLTAGE	DC 5V / 10W
I N T E R F A C E	Wi-Fi

Sensor Specification

Radon	PM2.5	CO ₂	VOC
7 - 3,700 Bg/m ³ (certified Accuracy 82.7%)	0 – 1,000 µg/m ³ (certified Accuracy 88.9% @5-200µg/m ³)	0 - 40,000 ppm (certified Accuracy 74% @400-2,000ppm)	0 – 1,000 ppm (Accuracy ±15%)
Temperature		Humidity	
-40 – 125°C (Accuracy ±0.1°C)		0 – 100% R.H. (Accuracy ±1.0% R.H.)	

Customization options, including adjustments to sensor measurement parameters and ranges, are available. For further details, please reach out to the ARIM SCIENCE Inc. Customer Center.

Arim Smart Air Management System

ArimAir APP

The ArimAir APP enhances user experience by allowing easy monitoring of air quality metrics. It also sends notifications under certain conditions, empowering users to proactively manage their indoor air quality. Such functionality is invaluable for maintaining a healthy indoor environment.

User reviews highlight the convenience and utility of ArimAir in actively managing various indoor pollutants in one go. The device is particularly beneficial in environments like homes with children, schools, daycare centers, hospitals, and offices, where maintaining indoor air quality is crucial.

In summary, ArimAir is presented as an easy-to-use, effective tool for indoor air quality management, making it an essential addition for health-conscious individuals or families, especially those with children, elderly, or those requiring a clean air environment for health reasons.

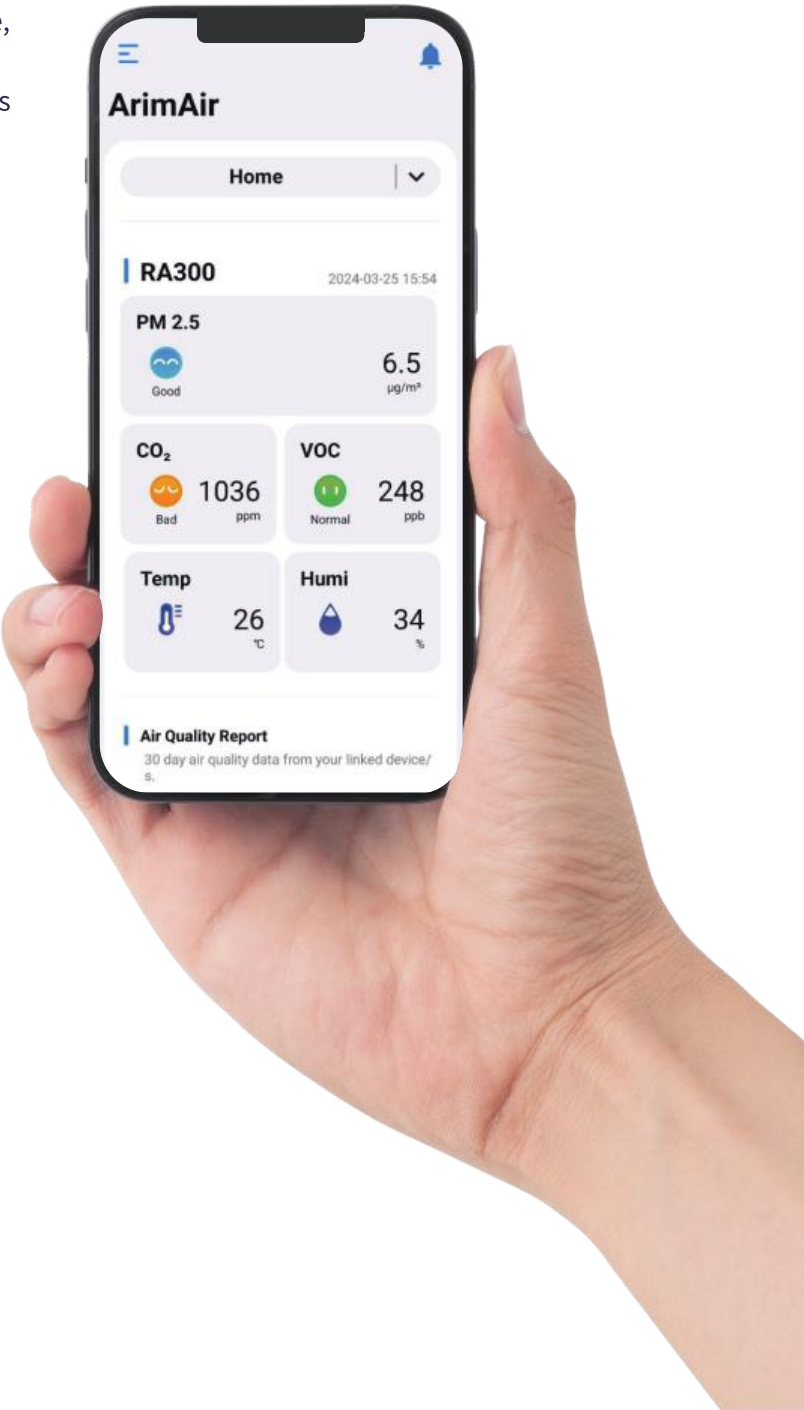


ArimAir APP for Android



ArimAir APP for iOS

The ArimAir APP is designed for customers who have purchased the device, offering free usage without any additional APP fees. Should users experience issues with high pollutant levels while operating the device, they are encouraged to reach out to our customer service center. We also offer air quality management consulting to assist in addressing any concerns related to indoor air quality.



Arim Smart Air Management System

ArimAir WEB

ArimAir WEB significantly enhances the user experience through its air quality monitoring capabilities, presenting this data in a format that is both accessible and meaningful. It also supports businesses and manufacturing facilities in complying with the Air Hazardous Substances Management Act.

The versatility and efficiency of ArimAir, with its capacity to actively manage various outdoor pollutants simultaneously, have garnered extensive praise in user feedback. This system proves especially beneficial in settings where the control of external hazardous substances is paramount.

The platform's user-friendly web interface significantly enriches the user experience by offering flexible data access options. Users can customize their viewing preferences to focus on specific locations or delve into the data itself, enabling them to effortlessly retrieve essential information for their desired timeframe using their preferred method. This personalized approach to data accessibility simplifies the process of comprehending and acting on air quality insights, leading to more informed and effective air management strategies.

Ultimately, ArimAir WEB stands out as a comprehensive solution for air quality monitoring and management, merging cutting-edge technology with a user-centric design to meet the demands of both individual users and larger organizations. Its commitment to accuracy, efficiency, and engaging user experiences renders it an essential tool in achieving healthier and cleaner air environments.

