

AIR *Signature*
PURIUM

Smart Safeguards Gate

Experience five functions in one product – sterilization, antibacterial activity, cleaning, dust collection, and deodorization!



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**HYGIENIC
SYSTEM**

**SUPERIOR
SAFETY**

AIR

WORLD-CLASS QUALITY

SMART SAFEGUARDS GATE

PURIMUM PREMIUM

ARTIFICIAL INTELLIGENCE

K-QUARANTINE

**HUMANE
COMPANY**

Management Vision Core Value



Equipped with exclusive technological innovations, Purium Co., Ltd. is striving to provide people with healthier and safer lives through protection from various health risks such as ultrafine dust, bacteria, and viruses.



We are in continuous pursuit of product improvement for our customers with a progressive and reliable attitude for technical development, intellectual property registration, and creation of positive outcomes.








We aim to become a business that realizes customer happiness as well as corporate growth through an organizational culture designed to value trust and mutual respect based on horizontal interactions among employees.



A sense of mission to create a safe and clean space

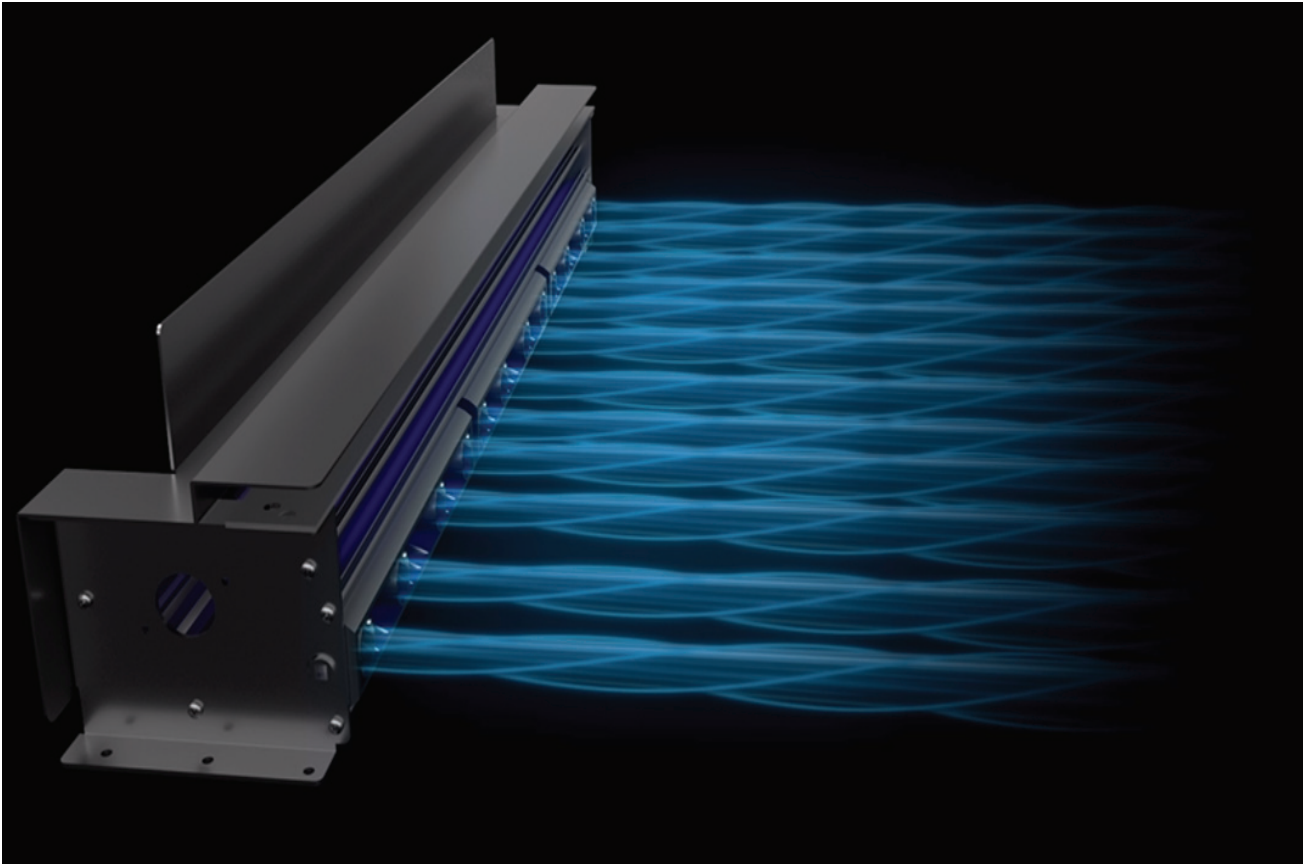
With a mission to create a clean space, all executives and staff of Purium are committed to providing a space free of ultrafine dust and harmful substances, thereby facilitating a safe indoor culture where all citizens can live at ease.

PURIUM History

- 2016**  • 09 Founded Purium Co., Ltd.
11 Established an affiliated research center
- 2018**  • 10 Certified as a venture company by Ministry of SMEs and Startups
- 2019**  • 03 Acquired a patent for Smart & safe virus-prevention gate
08 Acquired KC Mark
10 Selected as Good Industrial Design (GD)
Obtained ICT Convergence Quality Certification
Designated as Innovative Prototype by Public Procurement Service (PPS)
Acquired ISO 9001 Environmental Management Systems
12 Selected as Industrial Convergence Item by Ministry of Trade, Industry and Energy (MOTIE)
- 2020**  • 02 Selected as Inno-Biz by Ministry of SMEs and Startups
Acquired a patent for Wind Discharging Apparatus
04 Selected as Main-Biz by Ministry of SMEs and Startups
Acquired a patent for Wind Discharging Apparatus
Selected for Korea Pilot Purchase System by Ministry of SMEs and Startups
06 Received Citation from Minister of Trade, Industry and Energy at 2020 Korea Startup Award
10 Acquired CE safety certification
12 Selected as a leading company for industrial convergence by Ministry of Trade, Industry and Energy
- 2021**  • 05 Obtained Certificate of Technical Achievement (T2 Class) from Nice D&B Co., Ltd.
06 Selected as G-Pass (Government Performance ASSured) company by Public Procurement Service
07 Selected for Business Reorganization Plan by Ministry of Trade, Industry and Energy
Relocated headquarters to Yongin-si, Gyeonggi-do, South Korea
09 Selected as Prospective Design-Driven Company by Ministry of Trade, Industry and Energy
10 Acquired ISO 14001 Environmental Management Systems
Received Citation from Minister of Science and ICT at the ICT Innovation Awards
Selected for Gyeonggi Good Company Quality
Selected as Export Frontier Enterprise by Governor of Gyeonggi Province
11 Awarded by President of the Korea SMEs and Startups Agency at Happy SME Management Awards
12 Awarded by Administrator of Public Procurement Service at 2nd Innovation Procurement Contest
Selected as Priority Purchase Selection for Excellent Inventions by Korean Intellectual Property Office
Selected as Promising Small Business by the Governor of Gyeonggi Province
Selected as Korea's Promising Environmental Company by the Governor of Gyeonggi Province

Core Technology

Cyclone Turbo Airshot

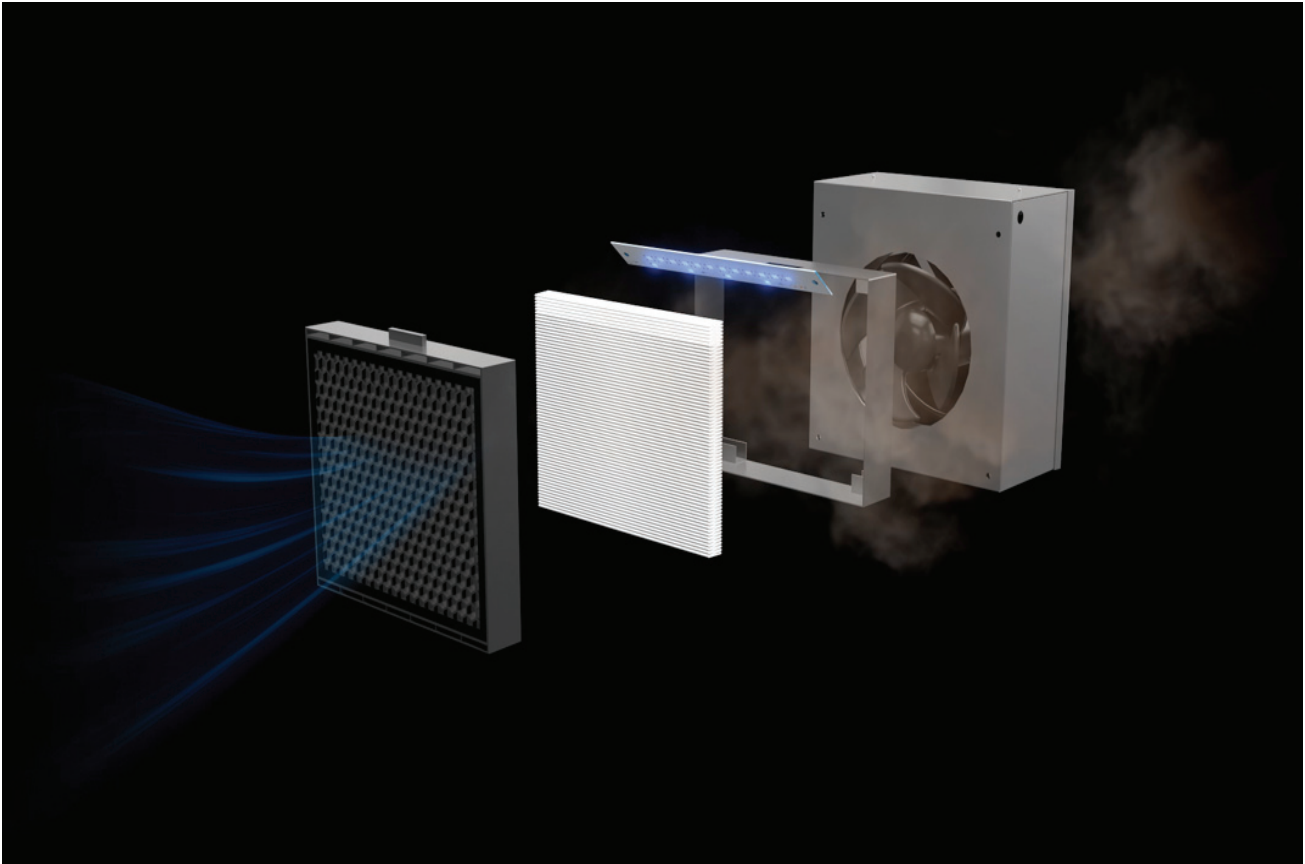


Cyclone Turbo Airshot

Twelve patented wind discharging apparatuses operating based on **Bernoulli's Principle¹** and the **Venturi Effect²** that are commonly used in aeronautical engineering are installed on the top, left and right sides of the product to generate a quiet but powerful whirlwind, while effectively removing various harmful substances such as ultrafine dust, bacteria, and viruses.

- 1** Bernoulli's Principle: A blower fan in the shape of an airplane wing generates a strong wind by lowering the pressure and increasing the velocity of the airflow.
 - 2** Venturi Effect: When flowing through a constricted area of an outlet, a fluid's velocity increases and its static pressure decreases.
- Patent No. 10-2091119/10-2078976

Giant Dust Collection & Sterilization



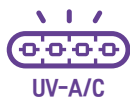
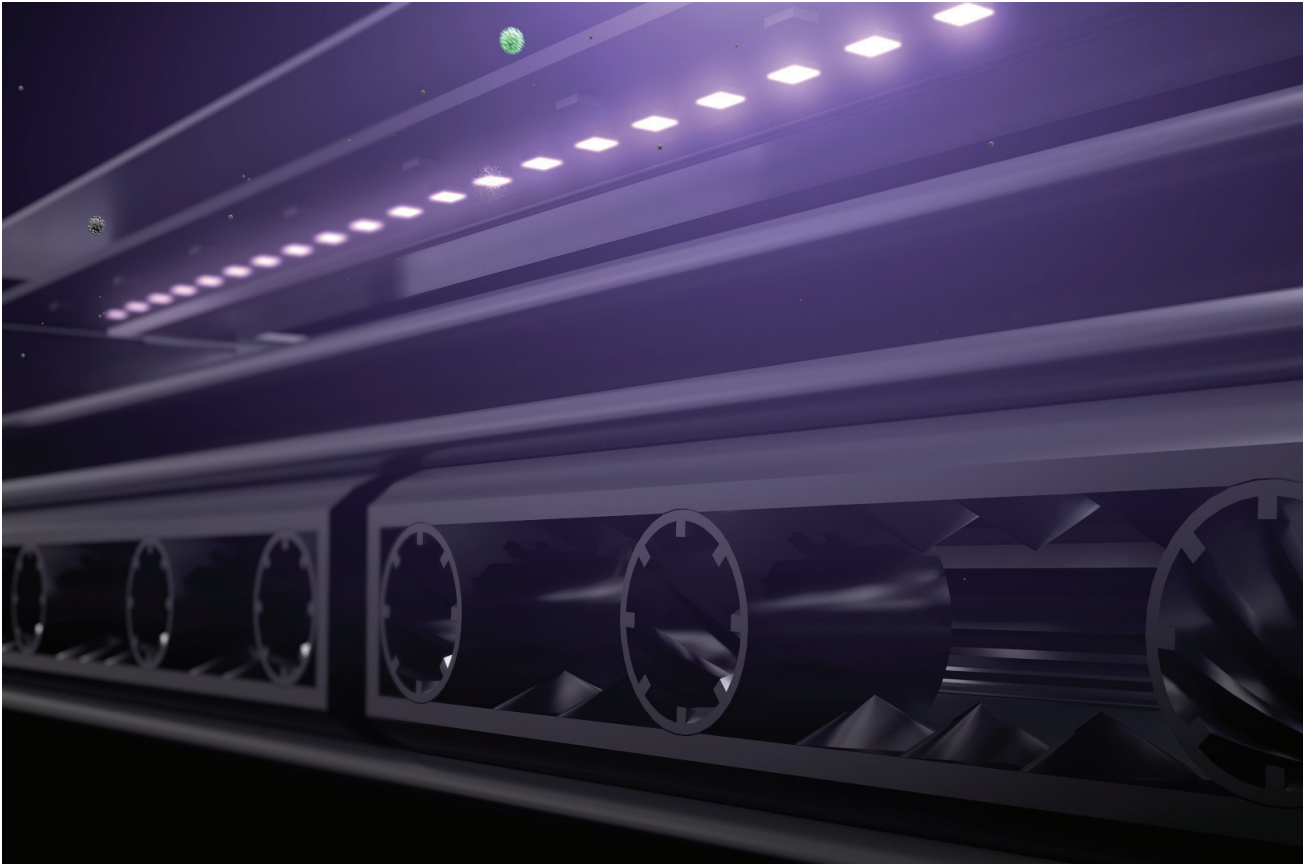
Extra-large dust collecting fan

(anti-scattering technology applied)

A large dust-collecting fan and four carbon nanotubes combined with **HEPA13 filters**³, developed by Purium with its innovative technology are installed on the left and right sides. They are designed to perform a strong suction and dust collection of harmful substances such as bacteria and viruses blown off by the Cyclone Turbo Airshot to prevent them from scattering, to clean the space, remove harmful gas, and deodorize, as well as to discharge clean air into the room through **sterilization**⁴ and **anti-viral functions**⁵.

- ³ HEPA 13 filter: Removes 99.9% of 0.3 μ m fine dust
- ⁴ Sterilization: Sterilizes 99.9% bacteria including Escherichia coli, Bacillus subtilis, Pseudomonas aeruginosa, and Salmonella.
- ⁵ Antivirus: Removes 99.9% of viruses including Human RS virus (long), Rotavirus (Wa), and Human coronavirus (229E)

Eco-friendly UV-A,C Dual Sterilization/Antivirus



UV-A/C

UV-A/C dual sterilization and antiviral function

UV-A,C dual LED sterilizing and anti-viral modules are installed in 12 air blowers and four dust collectors to effectively remove various bacteria, viruses, and odors in the air, while suppressing the formation of mold and drosophilae.

(Tested for sterilization ⁶ and antiviral effect ⁷)

⁶ Sterilization: Sterilizes 99.9% bacteria including Escherichia coli, Bacillus subtilis, Pseudomonas aeruginosa, and Salmonella.

⁷ Antivirus: Removes 99.9% of viruses including Human RS virus (long), Rotavirus (Wa), and Human coronavirus (229E)

Antibacterial Activity and Deodorization



Antibacterial and deodorizing effects with natural phytoncide for medical use

Natural phytoncide extracted from cypress trees in Jangseong, Jeollanam-do, South Korea is volatilized in an environmentally friendly way, allowing a green shower effect of deep forest even indoors.

Phytoncide volatilized in the air makes the indoor air clean and fresh with its excellent deodorizing and antibacterial properties.

PURIUM Product Features



Air Curtain



Cyclone Turbo Airshot



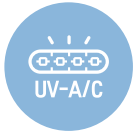
H13-grade HEPA Filter



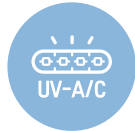
Carbon Nanotube Filter



Electronic, Access Register



Ultraviolet-A (violet-blue)



Ultraviolet-C



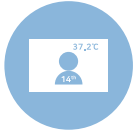
Scaffold Sterilizer



Corrugated Filter



Extra-large Dust-Collecting Fan (anti-scattering technology applied)



Signage



Artificial-intelligence IoT Sensing



High-performance Air Cleaning



High-efficiency, Low-power Design



AI-driven Thermal Camera

H13-grade HEPA Filter

Two 260mm X 230mm filters installed on the left and two on the right remove 99.9% of ultrafine particles (PM2.5 / 0.3 μ m).

High-performance Air Cleaning

Four extra-large dust collecting fans with a diameter of 200mm equipped with four 13 to 15 grade HEPA + 4 carbon nanotube filters remove fine dust and odors, as well as remove harmful substances such as TVOC (volatile organic compounds), ammonia, ethylene acetate, acetaldehyde, formaldehyde, hydrogen sulfide, and cigarette smoke.

Air Curtain

The powerful air curtain generated by the Cyclone Turbo Airshot blocks the inflow of ultrafine particles, bacteria and harmful substances into the room to keep the interior space clean.

Digital Signage

The 43-inch digital signage installed on the exterior enables promoting various contents, and the Purium products' exclusive scalability ensures its usability under various conditions.

Artificial-intelligence IoT Sensing

Temperature, humidity, carbon dioxide, VOC, and PM1.0 values are displayed on the internal monitor screen to report the real-time indoor air quality to the user with artificial intelligence tasks performed according to the indoor air quality.

High-efficiency, Low-power Design

The low-power DC design with the application of automotive electronics technology can be used throughout the month at a cost of around KR\ 20,000 at 220V without extra electrical work.

Eco-friendly UV-LED Sterilization

Eco-friendly UV-A, C dual sterilization and anti-virus module neutralize bacteria and viruses floating in the air.

High Scalability

Purium's exclusive modular design offers a variety of additional functions with optional items including a thermal camera, people counter, QR code reader, and scaffold sterilizer.

Products

General Facilities

PURIUM-10000-P / 10000-B

It is designed to be installed at the entrance of general multi-use facilities to block the inflow of harmful substances such as ultrafine particles, bacteria, and viruses from the outside, thereby managing the indoor space safely and cleanly.

- BLACK
- GRAY
- ROSE GOLD



[10000-P]

Total Size(mm)

1,940(W) X 2,400(H) X 886(D)

(Non-standard production available depending on the installation environment)

Small facilities

PURIUM-20000-B / 20010-B

It is a safe virus-prevention gate designed for small facilities such as daycare centers, childcare facilities, and office spaces, providing a safe and clean indoor environment for small-scale facilities through a low noise and low power design.

- BLACK
- GRAY
- ROSE GOLD



Total Size(mm)

20000-B : 1,770(W) X 2,315(H) X 844(D)

20010-B : 1,670(W) X 2,135(H) X 844(D)

(Non-standard production available depending on the installation environment)

Special Purpose

PURIUM-30000-P / 30010-P

It is a special-purpose product for spaces where quarantine and security are emphasized with convenient expandability to achieve higher antibacterial and deodorization effects with the phytoncide spray module. Metal detectors and speed gate modules can be installed in facilities that require access control and security, such as courts, police stations, and correctional facilities to perform security and quarantine simultaneously. (Optional extension modules available depending on desired use)

- BLACK
- GRAY
- ROSE GOLD



[30000-P]
Phytoncide Spray Module



[30010-P]
Metal detector and speedgate module
(selection for only metal detector and speedgate is available)

Walk-through

PURIUM-50000-P / 50000-B

Designed for facilities with a large floating population, such as airports, railway stations, terminals, and cultural complexes, this product is equipped with further enhanced dust-collection and UV-LED sterilization functions to perform detection while an examinee is passing through the passageway without waiting.

- BLACK
- GRAY
- ROSE GOLD



[50000-P]

Total Size(mm)
 1,940(W) X 2,400(H) X 2,620(D)

Individual

PURIUM-90000-P

Unlike its counterparts, Purium products for indoors are specially designed for personal quarantine and cleaning. It provides a clean and safe indoor space by intelligently analyzing indoor air quality. It is installed at the entrance of an independent home (including apartment) or an office interior door to remove pollutants through an air shower before entering the living space and intelligently analyzes the indoor air quality during standby to provide a clean and safe indoor space.

- BLACK
- GRAY
- ROSE GOLD



Installation Cases

Central administration agencies

 Ministry of Health and Welfare	 Ministry of Oceans and Fisheries	 National Tax Service	
 Ministry of Health and Welfare National Rehabilitation Center	 보건복지부 국립춘천병원	 보건복지부 국립부곡병원	

Metropolitan and local governments

 SEOUL METROPOLITAN GOVERNMENT	 강동구	 강서구	 금천구
 노원구	 동작구	 시조 SEOCHO	 송파구
 양천구	 영등포구	 미래도시 용산	 북한산예술극장
 서울중구	 남구	 동래구	 부산광역시 중구
 개양구	 미추홀구	 광주광역시 서구 GWANGJU CITY SEOGU	 화이산 병철도시 생활·공설 최만복구
 성남시	 AI 교육도시 오산	 외곽도시	 양양군
 원주시	 혈원군 Clearwan	 예산군 YESAN COUNTY	 원주군 WANJUGUN
 익산시	 고령군	 김천시 GIMCHEON CITY	 강해
 문경시 MONGYONG CITY	 안동시	 영천시	 울진군
 산소주택 청송군			

Public enterprises

 한수원주	 KGEN 한국남동발전 KOREA ENERGY	 한국동서발전주	 한국전력공사
 LH	 한국가스공사	 KEPCO 한국부동산원	 KREA 한국마사회
 KOMIPO 한국중부발전	 인원개발공사	 울산항만관리(주) Ulsan Port Management Corporation	 전남개발공사

Quasi-governmental institutions

 국토안전관리원	 kotra 대한무역투자진흥공사	 KOSME 중소기업진흥공단	 UX 한국로봇보안공사
 한국농수산식품유통공사	 KCA 한국방송통신전파진흥원	 Keit 한국산업기술진흥기관	 한국자산관리공사
 KFI 한국소방산업기술원	 한국에너지공단 KOREA ENERGY AGENCY	 한국해양수산연수원	

Religious organizations

 위례광명교회	 지역의 예수성심 서울교구	 HJ천주천보수현원	 태화기독교사회복지관
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Other public institutions

 주택관리공단	 POMA	 대한적십자사	 국립중앙과학관
 SciPort	 국립대구과학관	 경찰공제회	 M 군인공제회
 서울노인복지센터	 지체장애연구기관	 우정사업본부	 우체국유통지원단

Hospitals/clinics

 일산차병원	 목뉴방의과의원 Back-Bone Surgery Clinic	 에인피부과	 경명정형외과
 참사랑요양병원			

Multi-use facilities

 CGV*	 HOTEL THEBORN	 TEDDY BEAR MUSEUM*	 한국잡월드 Korea JobWorld
 DREAM PARK	 COMON	 SPARK	

Schools, academies

 CAU 중앙대학교	 K-ARTS 한국예술종합학교	 KAIST	 경운대학교 www.kyu.ac.kr
 이화여자고등학교	 한양중학교 HANYANG MIDDLE SCHOOL	 관동초등학교 GONGWON ELEMENTARY SCHOOL	 LEADERS
 그레이프어학원	 스위밍화이트	 공군사관학교 Republic of Korea Air Force Academy	

Various events

 000000전 도서 영화제	 어린이영양제	 익산문화제	 광주비엔날레 GWANGJU BIENNALE
 SK 에너지 서울국제 에너지쇼	 The 7th HONEY LADIES OPEN KYOCHON	 CHARITY OPEN 2020	 SEUL FESTIVAL
 WIS WORLD IT SHOW	 SINFF 서울국제영화제	 교통안전 박람회	 날
 제1회 인천국제해상포럼 IIOF 2020	 부천국제판타스틱영화제	 NextRise	

Others

 일스테이트	 PRUGIO *	 상상프로젝트	 DMC STARBIZ
 블루오션	 스타워브 빌라스	 신안	 ufell
 CLASSIA	 ANK	 ANK	 SK VIEW

Affiliated Organizations of Public, Public Corporations, and Local Governments

Installation cases

Korea Land and Housing Corporation (LH), National Tax Service, Korea South-East Power Co., Ltd., Korea Labor Force Development Institute for the Aged, Korea Gas Corporation, Korea Communications Agency, Police Mutual Aid Association, Korea Evaluation Institute of Industrial Technology, Korea East-West Power Co., Ltd., Korea SMEs and Startups Agency, Korea Land and Geospatial Informatix Corporation (LX), Korea Trade-Investment Promotion Agency (KOTRA), Korea Hydro & Nuclear Power, Government Complex Sejong Convention Center, Gwangju Seo-gu Office, Gangdong-gu Office, etc.




National Rehabilitation Center  Ministry of Health and Welfare National Rehabilitation Center




Seoul Regional Tax Office  National Tax Service



Korea South-East Power Co., Ltd.  한국남동발전 KOREA ENERGY



Gyeonggi regional office of the Korea Land and Housing Corporation  한국토지주택공사



Jung-Gu Gu-cheong  서울중구



Gangdong-gu Office 2  강동구

Medical/Welfare/ Religious Institutions

Installation cases

Gimcheon Red Cross Medical Center,
 Pohang Red Cross Medical Center,
 Andong Red Cross Medical Center,
 Uljin Red Cross Medical Center,
 Seongnam City Red Cross Medical Center,
 Chuncheon National Hospital,
 Cho Yeon Otolaryngology,
 Ye In Dermatology,
 Kang Kyung-min Orthopedic Hospital,
 Neck-Breast Surgery Clinic,
 Bugok National Hospital, Lohas Chamsarang
 Nursing Hospital, CHA Ilsan Medical Center,
 Seoul Senior Welfare Center,
 Ysmaeul Community Organization, etc.



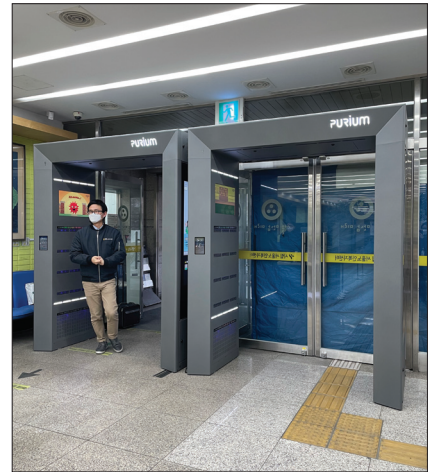
National Bugok Hospital  보건복지부 국립부곡병원



Chuncheon National Hospital  보건복지부 국립춘천병원



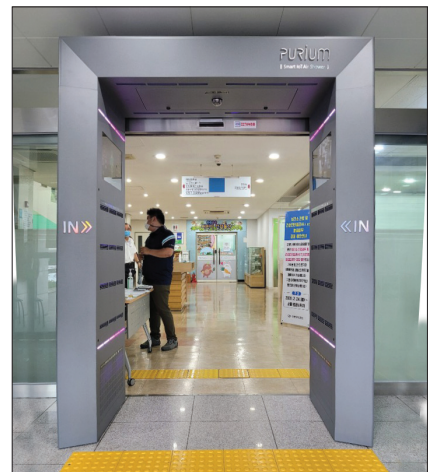
Ysmaeul Community Organization  예산군행복마을지원센터



Seoul Senior Welfare Center  서울특별시 서울노인복지센터



Gangdong-gu Public Health Center  강동구 보건소



Gangseo-gu Public Health Center  보건복지부 강서보건소

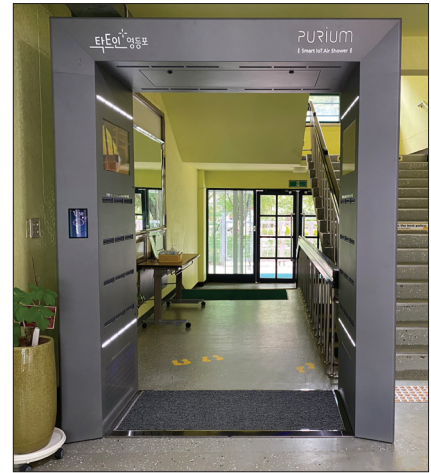
Education & Childcare Institutions

Installation cases

Chung-Ang University, Korea National University of Arts, Kyungwoon University, Ewha Girls' High School, Namsan Elementary School, Seoul Chungmu Elementary School, Deoksu Middle School, Hanyang Middle School, Seoul Mullae Elementary School, Seoul Songwon Elementary School, Jeongdaun Daycare Center, Ripple HABA Kindergarten, Roya Kindergarten, Central Support Center for Childcare, Seoripul Nori School, Daycare Center at Kori Nuclear Power Plant, etc.



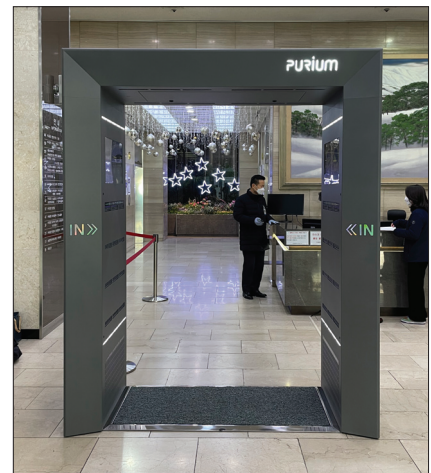
KAIST College of Management 




Seoul Mullae Elementary School 



Jeongdaun Daycare Center



Bukuk Securities 

Other Institutions

Installation cases

KIA Motors Automobile Fair, Uijin Culture and Arts Center, Dream Park Country Club, IOCONVEX, Public Procurement Promotion Competition, Gangdong Arts Center, Korea Job World, Hillstate Daejeon, Ladies Classic at Pinx Golf Club, Blue Ocean Residence Hotel, a model house at Baekseok-dong, Goyang-si, Gyeonggi-do, DMC Starbiz (model house), Sangsang House (model house), etc.



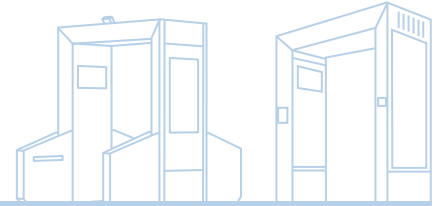
KIA Motors Automobile Fair 



InBody HQ 

Korea Procurement market case

PURIUM Advantages at Korea Procurement market



- 01 The 1st Innovative Product selected by the Public Procurement Service
- 02 Selected as an Innovative Product by the Public Procurement Service, an SME Technology Development Product under System for Preferential Purchase by the Ministry of SMEs and Startups, and as a Priority Purchase Selection for Excellent Inventions by the Korean Intellectual Property Office. Purchase available via the System for Preferential Purchase of Startup Products
- 03 The only indoor quarantine product that can be purchased by a private contract with a public institution regardless of the quantity
- 04 The purchaser of a PPS-certified innovative product is exempted from audit for five years with immunity from responsibility for the contract manager
- 05 Additional 10 points granted to the head of the purchasing agency
- 06 Purchase priority of innovative products and availability of payment from required purchase budget
- 07 Since its designation as an innovative product by the Public Procurement Service in 2019, more than 600 units have been installed and operated by central government agencies and local governments including the Public Procurement Service, National Tax Service, Ministry of SMEs and Startups, Ministry of Oceans and Fisheries, and public institutions including the Korea Hydro & Nuclear Power, Korea East-West Power Co., Ltd., Korea South-East Power Co., Ltd., and Korea Trade-Investment Promotion Agency (KOTRA).
- 08 Cyclone Turbo Airshot softly and effectively removes and blocks ultrafine particles and pollutants attached to the body or objects using patented technology.
- 09 It monitors the indoor air quality in real time and generates an active flow in a short time to purify the air in about 3,300 m space. It delivers the same effect as ventilation without opening the door
- 10 Without using any chemical substances such as sodium hypochlorite, it safely sterilizes the air with dual UVA, C LED, and medical phytoncide, ingredients that are harmless to the human body.
- 11 Low maintenance cost (low electricity cost of approx. KR\ 20,000 per month)
- 12 Acquired test reports for antiviral activity and sterilization, as well as product performance certification
- 13 In preparation for Korea's "Living with COVID" policy including the 7 p.m. shutdown for shops and restaurants, it offers dust-proof, anti-bacterial, air-purifying functions to promote public health

Innovative Product under Korea ON-line E-Procurement System by Public Procurement Service

Selected as an Innovative Product (demand institution)

- **Reflected in the performance evaluation by the Korean government**

The purchaser will have an advantage in the Government Innovation Evaluation

- **The purchaser is actively exempted from the procurement administration**

Exempted from disciplinary action if there is no intention or gross negligence at the time of procurement (according to amended Government Procurement Act)

– Gross negligence: personal interest / critical procedural fault

- **System for Preferential Purchase of SME Technology Development Products**

Included in 14 SME Technology Development Products under System for Preferential Purchase

Manuals on private contracts on Innovative Products, product purchase on Venture Nara, and Public purchase of SME Technology Development Products can be downloaded from our website (www.purium.kr)

Selected as a provider of Innovative Products (innovative company)

- **Eligibility for private contract**

Article 26, Paragraph 1, Subparagraph 5, Item (g) of the Enforcement Decree of the Act on Contracts to Which the State is a Party

Article 25, Paragraph 1, Subparagraph 8, Item (c) of the Act on Contracts to Which a Local Government is a Party

Article 7-3 of the Enforcement Decree of the Government Procurement Act (trial purchase of prototypes)

Request to the Public Procurement Service for a contract (Paragraph 4), disclosure of the results after use (Paragraph 5)

Products for Preferential Purchase of Startup Products

- **Products for the Korea Pilot Purchase System by the Ministry of SMEs and Startups**

Support by encouraging public institutions to make a trial purchase of SME Technology Development Products for start-ups and newcomers in the public procurement market to develop market channels and enhance innovation capabilities

- **Products recommended for Preferential Purchase of Excellent Inventions**

A project to recommend the government and local governments to made a trial purchase of Excellent Inventions of SMEs certified by the Korean Intellectual Property Office

- **Products for Preferential Purchase of Startup Products**

A system in which public institutions are obligated to purchase more than 8% of the products of start-ups to provide market support for start-ups and improve their competitiveness.

The others

Expendables



HEPA + Carbon Nanotube Dust Filter



Pre Filter



Phytoncide

Optional Items



Indoor Air Quality Sensor



Internet Protocol Camera (IR)



Thermal Imaging Camera



Phytoncide Cartridge



Network Video Recorder (NVR)



Scaffold Sterilizer



People Counting



Scaffold Disinfecting Fluid

Activities by Purium

Participation in Various Events



[ETNEWS] PURIUM, an innovative prototype certified by the Public Procurement Service, advances into global markets product through product commercialization as a catalyst for procurement industry”

Selected as an Innovative Prototype by the Public Procurement Service, Purium is knocking on the doors of global markets. Purium Co., Ltd. (CEO Nam Dong-kyu) showcased Purium, an AI-based smart Internet of Things (IoT) air shower, at the 2019 Innovation Prototype Special Exhibition held at the National Assembly Hall from November 11 to 12. Hosted by Cho Jeong-sik, a Member of the National Assembly of the Republic of Korea and co-organized by the Public Procurement Service and the Integration and Coexistence Forum, this event presented 15 innovative prototypes selected by the Public Procurement Service.



[NewsCulture] The 24th BIFAN maintains distance between seats and introduces the air shower for intensive quarantine

The 24th Bucheon International Fantastic Film Festival (hereinafter referred to as BIFAN, Director of the BIFAN Organizing Committee Shin Chul) has adopted a “Safety First” policy to prevent the spread of COVID-19. This event will implement screening and quarantine up to four phases in a unified theater (CGV excursion). Installed and operated at the second gate, the Purium Smart Safe Disinfection Gate, walk-through virus-prevention equipment, removes even ultrafine dust from clothes. In addition, it is a one-stop solution capable of heat detection and disinfection of visitors, and instant access to questionnaires via QR code.

Social Contribution



[Seoul Economic Daily] Purium, emphasizing “Good Technology,” sponsors Good Neighbors project

Purium Co., Ltd., which produces the Smart Safe Disinfection Gate, a large-sized air purifier for building entrances, announced on August 17, 2020 that it had signed a business agreement with Good Neighbors to carry out joint social contribution activities.



[Seoul Economic Daily] Purium donates two Smart Safe Disinfection Gates to KAIST

Purium Co., Ltd., a manufacturer of air purifiers for building entrances, held a donation ceremony of the Smart Safe Disinfection Gate at KAIST on May 11, 2021 and announced its donation of two purifiers to schools on May 28.



[ETNEWS] Purium donates two Smart Safe Disinfection Gates to Chung-Ang University

Purium (CEO Nam Ho-jin) announced on April 16, 2021 that it had donated two Smart Safe Disinfection Gates to Chung-Ang University (President Park Sang-gue). The donation ceremony was held in the President’s Conference Room of Chung-Ang University on April 15, 2021.

PURIUM NEWS Reports



[Yonhap News] Former Prime Minister Lee Nak-yeon visited the K-Safety Expo 2019

Former Prime Minister Lee Nak-yeon is attending the K-Safety Expo held at KINTEX, Goyang-si, Gyeonggi-do, South Korea on September 25, 2019 and listening to an explanation of an advanced indoor air purifier based on smart IoT technology from Purium CEO Nam Dong-gyu.



[Yonhap News] Former Prime Minister Kim Bu-gyeom passes through Smart Safe Disinfection Gate

Former Prime Minister Kim Bu-gyeom passes through the Smart Safe Disinfection Gate produced by Purium Co., Ltd., a leading K-quarantine producer, at the opening ceremony of NextRise 2021, the largest global startup fair in Korea held at COEX in Samseong-dong, Gangnam-gu, Seoul on September 28, 2021.



[Yonhap News] Vice Minister Min, Won-ki listens to the explanation of Purium Smart Safe Disinfection Gate

Min, Won-ki, 2nd Vice Minister of Science and ICT, listens to the explanation of Smart Safe Disinfection Gate, an indoor fine dust reduction solution, at the opening ceremony of the AIoT Week Korea held at COEX Hall-A in Gangnam-gu, Seoul on October 23, 2021.



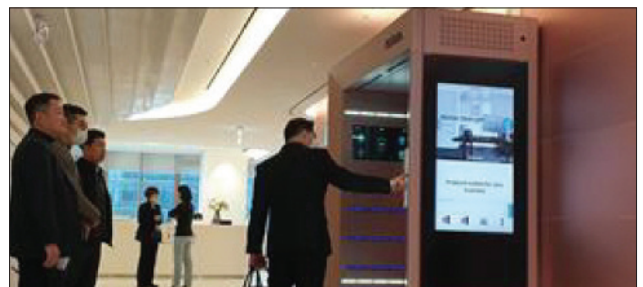
[Hankook Ilbo] Smart Safe Disinfection Gate captures fine dust and purifies the air

Purium Co., Ltd., the provider of a solution for ultrafine particles, demonstrated the air-purifying, deodorizing, antibacterial, and phytoncide effects of the Smart Safe Disinfection Gate using air shower curtain technology at the 2019 Innovation Prototype Special Exhibition held at the National Assembly Hall on November 11, 2019.



[NewDaily] Jecheon International Music & Film 'Make a Film Festival seeks a safe event amid COVID-19 pandemic

Jecheon City announced that the Jecheon International Music & Film Festival signed a business agreement contract with Purium Co., Ltd., the representative K-Quarantine brand, for mutual cooperation on July 7, 2021.

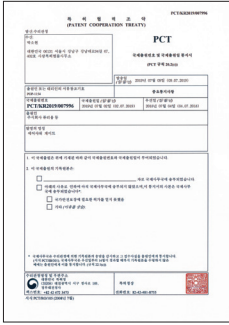


[Seoul Economic Daily] An SME advances into the Postpartum Care Center at CHA Ilsan Medical Center

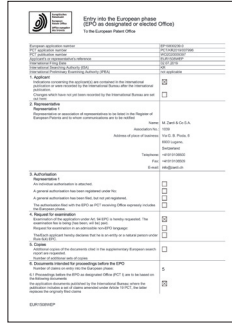
Purium Co., Ltd., a domestic air purifier manufacturer, announced on March 15, 2020 that it has succeeded in supplying the Smart Safe Disinfection Gate, an air purifier for building entrances, to the Postpartum Care Center at CHA Ilsan Medical Center, Korea's top-class postpartum care center.

Certifications

Intellectual Properties



Certification under the Patent Cooperation Treaty (PCT) (Air Shower Gate)



European Patent (Air Shower Gate)



Patent (Air Shower Gate) 10-1956143



Patent (Wind Discharging Apparatus) 10-2091119



Patent (Wind Discharging Apparatus) 10-2078976



Patent (Air Shower for Domestic Use) 10-2266161



Patent (Cyclone Dust Collecting Device) 10-1573732



Design Registration (Air Shower) 30-0976486



Design Registration (Air Shower) 30-0982560



Design Registration (Air Shower) 30-1025344



Design Registration (Air Shower) 30-1114579



Trademark Registration (PURIUM) 40-1521242



Copyright Registration (PURIUM Control) C-2020-013828



Copyright Registration (PURIUM Operational Status) C-2020-013829



Copyright Registration (PURIUM Equipment Manager) C-2020-013893



Copyright Registration (PURIUM Media View) C-2020-013894

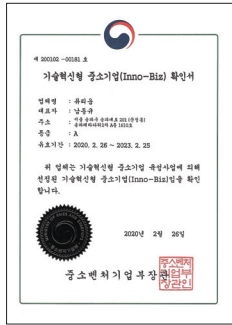


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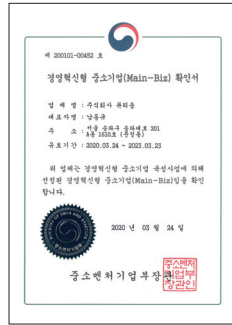


Copyright Registration (PURIUM Equipment Manager) 2.0 C-2021-003147

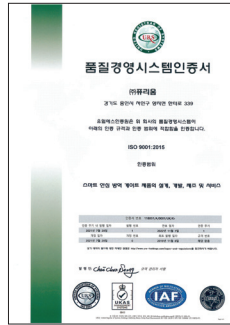
Business Certification



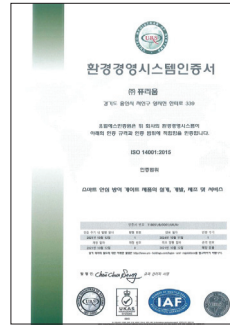
Inno-Biz



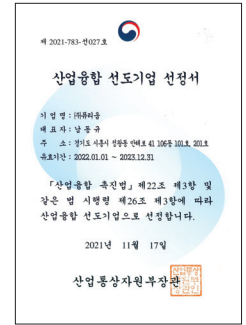
Main-Biz



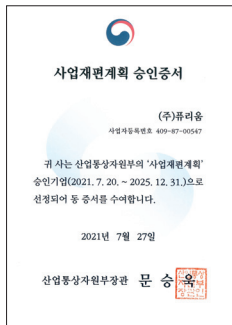
Quality Management System Certificate ISO9001



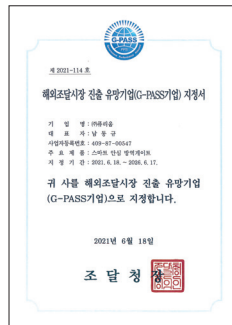
Environmental Management System Certificate ISO14001



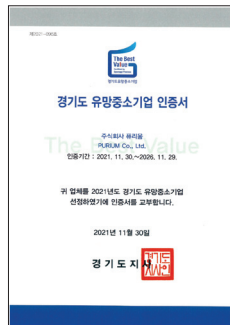
Leading Company for Industrial Convergence



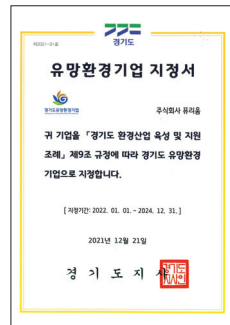
Business Reorganization Plan



G-PASS Certificate



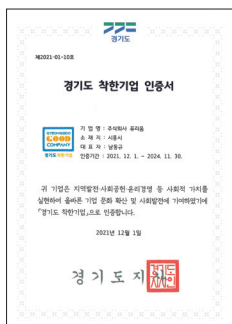
Promising Small and Medium Businesses (Gyeonggi-do)



Korea's Promising Environmental Company (Gyeonggi-do)



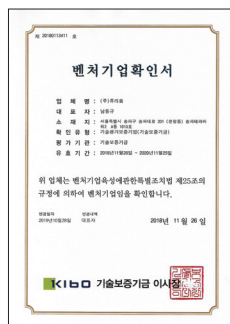
Export Frontier Enterprise (Gyeonggi-do)



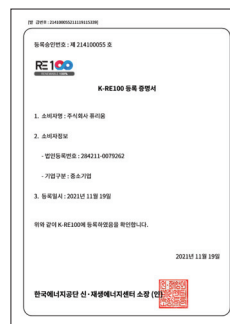
Gyeonggi Good Company Quality



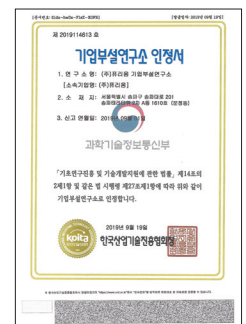
Prospective Design-Driven Company Certificate



Venture Business (181126_201125)



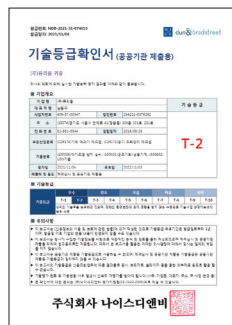
Korean RE100 (K-RE100) Certification



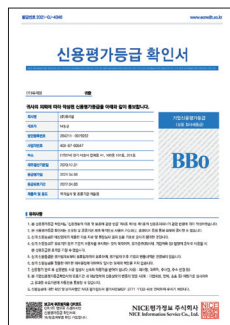
Authorization (affiliated R&D center)



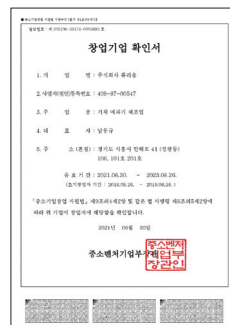
Industrial Design Center



T-2 Technical Report



BBO (Credit Rating)

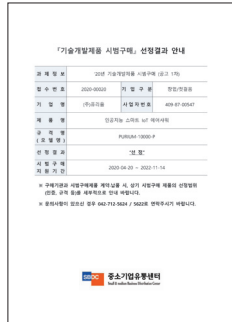


Startup Business

Product Certification



Innovative Product Certificate



SME Technology Development Product under System for Preferential Purchase



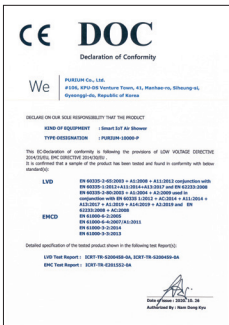
Priority Purchase Selection for Excellent Inventions



Good Industrial Design Certificate



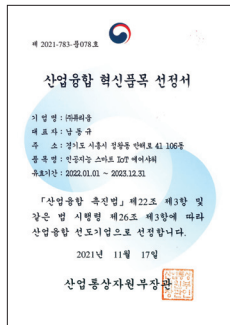
KC Mark



CE Certification



ICT Convergence Quality Certification

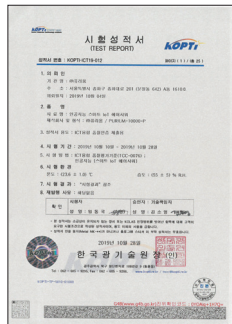


Industrial Convergence Innovation Item

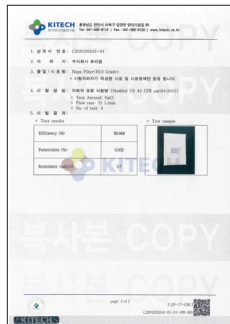
Test Report



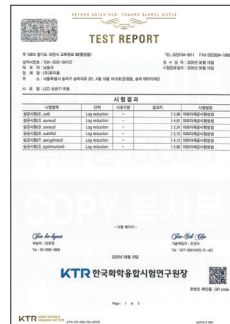
KC Conformity Assessment (electromagnetic wave)



ICT Conformity Assessment



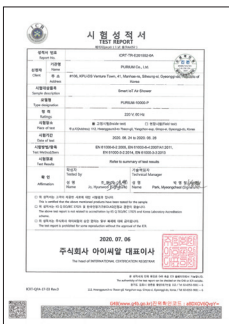
HEPA Filter (H13 Grade)



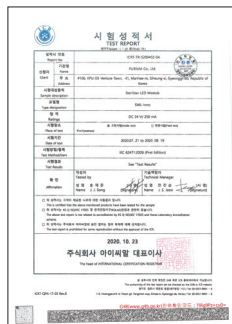
LED Sterilizer Test (Disinfection)



LED Sterilizer Test (Anti-virus)



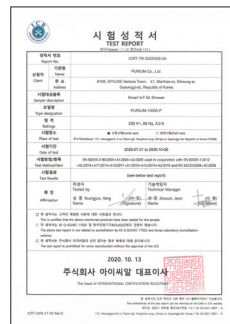
CE Conformity Assessment (electromagnetic wave)



CE Conformity Assessment (photobiology)



CE Conformity Assessment (electrical safety 1)



CE Conformity Assessment (electrical safety 2)

Directions

PURIUM Head Office **Factory**

339, Hanteo-ro, Yangji-myeon, Cheoin-gu, Yongin-si, Gyeonggi-do, Republic of Korea



PURIUM Seoul Office **Branch**

1609~1612, Building A 201, Songpa-daero, Songpa-gu, Seoul, Republic of Korea





Product Certification



CE Certification



ICT Convergence Quality Certification



KC Mark



Product acquired on Venture Nara



Industrial Convergence Item Certification



Good Design (GD) from the Ministry of Trade, Industry and Energy



Selected as a Priority Purchase Selection for Excellent Inventions by the Korean Intellectual Property Office



Selected for the Korea Pilot Purchase System by the Ministry of SMEs and Startups



Selected for the Preferential Purchase of Startup Products



Selected as Innovative Product by the Public Procurement Service

Business Certification



G-PASS



ISO 9001



ISO 14001



Selected as an Export Frontier Enterprise by the Governor of Gyeonggi Province



Promising Small and Medium Businesses (Gyeonggi-do)



Korea's Promising Environmental Company (Gyeonggi-do)



Gyeonggi Good Company Quality



Sponsor of Good Neighbors



Prospective Design-Driven Company



Main-Biz



Start-up



Inno-Biz

AIR Signature
PURIUM



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