
Mechanical Equipment for Infection Control

PRODUCT CATALOG

We strive to provide innovative products and services for a prosperous and healthy life of our customers.





2020

APR Founded the 3rd Factory, Established a worldwide sales network and started exporting

MAR Launched a New Negative Pressure Machine (ARDC-2501)

FEB Supply of Negative Pressure Machines during the Outbreak of COVID-19

- Designated as 'a national Negative Pressure Machines supplier' by KCDC (Korean Center for Disease Control and Prevention)

- Supplied approx. 2000 units of Negative Pressure Machines to KCDC, Public health centers, military bases, medical institution and hospitals

2019

Founded the 2nd Factory (Hanam-si, Gyeonggi-do Province)

2018

Transferred the 1st Factory (From Seoul to Hanam-si, Gyeonggi-do Province)

2017

Launched its Upgraded Negative Pressure Machine (ARDC-1502)

2016

Separated ASKO Co., Ltd into an independent corporation

2015

Launched 'ASMedi', a brand that specializes in equipment for infection control

- Supplied Negative Pressure Machines for MERS patient isolation room to KCDC (Korean Center for Disease Control and Prevention) the first in Korea Started to R&D and supply 'Disinfection system' for 119 emergency teams

- Supplied 'Disinfection system' to Fire Station in Seoul and Chungbuk area

2014

Development and supply of building safety management solution, ASKO119

2011

Changed the name of the company to 'Person & People Co., Ltd.' Started to produce and supply statutory registration equipment by the Ministry of Employment and Labor

2010

Registered relevant patents

2009

Developed and mass-produced Negative Pressure Machines (ARDC-1501) in line with the revision of the Industrial Safety and Health Act

2008

Established 'ASMAN Corp.' that specializes in Industrial Mechanical Equipment and Manufacturing

ASMedi keeps in progress
ASMedi's R&D continues without a break
ASMedi's CORE VALUE is the health and safety of humankind



ARDC-2502

Negative Air Pressure Purifier



Specification

Main Unit	Supply voltage	AC110V~230V, 50/60Hz, 750W
	Frame material	Powder coating steel plate
	Air Volume (Fan)	Max. 70CMM(m ³ /min) ≒ 2,472CFM
	Air Volume (with Filter)	Max. 26.5CMM(m ³ /min) ≒ 936CFM
	Size & Weight	672*579*1314(mm), 129kg
	UV LED	UV-C (10mW x 48ea) UV-A (450mW x 6ea)
	Operation Mode	0~100 / Digital air volume control
Filter	Pre, Carbon	56CMM, 15mmH2O
	Medium	29CMM, 15mmH2O(≥85%)
	HEPA	26CMM, 29.7mmH2O(≥99.99%, 0.3μm)

* Maintain negative pressure up to 53m² based on -2.5Pa and 12ACH

* Air purifier mode can be used up to 204.4m²

- With elegant and low noise design, Our ARDC-2502 model is the most perfect suitable Negative air pressure purifier for indoor medical isolation chamber. (Released in 2020)
- Our ARDC-2502 meets the high standard of CDC and KCDC(Korean Center for Disease Control and Prevention) : maintaining negative pressure in a hospital room that can accommodate 1~6 patients (max. 53m² with 2.5m height)
- With our high-performance BLDC motor, operators can freely control the output level from 0 to 100 depending on their situations.
- Normally, it can be used as an air purifier but switched to a Negative Air Pressure Machine in case of an emergency.
- In addition to the triple filter, apply carbon filter to remove VOCs and deodorize.
- UV LED is installed at the bottom of the main body to sterilize air and filters and can be used semi-permanent for more than 10 years. In particular, 48 high-power UV-C LEDs are applied to remove up to 99.9% of harmful bacteria and viruses such as corona-virus.
- When using the air purifier, It can measure CO₂, VOCs, Fine dust, Temperature, and Humidity and automatically operate.
- By applying double filter damage prevention mechanism, It can secure the filters against unexpected behavior from operators.
- High-rigidity toggle clamping filter for easy filter replacement and prevention of leakage. (Patent application: No. 2020-0034174)

ARDC-2501

Negative Air Purifier



Specification

Main Unit	Supply voltage	AC110V~230V, 50/60Hz, 750W
	Frame material	Powder coating steel plate
	Air Volume (Fan)	Max. 70CMM(m ³ /min) ≒ 2,472CFM
	Air Volume (with Filter)	Max. 23.8CMM(m ³ /min) ≒ 840CFM
	Size	665*550*1136(mm)
	Weight	89kg
Filter	Operation Mode	0~100 / Digital air volume control
	Pre	56CMM, 15mmH ₂ O
	Medium	29CMM, 15mmH ₂ O(≥85%)
	HEPA	26CMM, 29.7mmH ₂ O(≥99.99%, 0.3μm)

* Maintain negative pressure up to 46.2m² based on -2.5Pa and 12ACH

- With elegant and low noise design, Our ARDC-2501 model is the most perfect suitable Negative air purifier for indoor medical isolation chamber. (Released in 2020)
- Our ARDC-2501 meets the high standard of CDC and KCDC(Korean Center for Disease Control and Prevention) : maintaining negative pressure in a hospital room that can accommodate 1~6 patients (max. 46m² with 2.5m height)
- With our high-performance BLDC motor, operators can freely control the output level from 0 to 100 depending on their situations.
- With a stand type and compact size our ARDC-2501 requires less installation space.
- Powder coating steel plate protect internal machine from unintended shocks and severs torsion.
- By applying double filter damage prevention mechanism, our new model secure the filters against unexpected behavior from operators.
- High-rigidity toggle clamping filter for easy filter replacement and prevention of leakage. (Patent application: No. 2020-0034174)

ARDC-1502

Portable Negative Air Machine



Specification

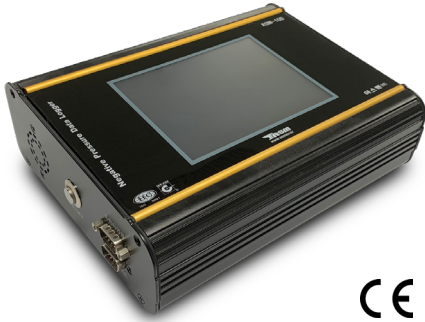
	Supply voltage	AC110V~230V, 50/60Hz, 750W
	Frame material	Shunt-painting steel plate
Main Unit	Air Volume (Fan)	Max. 70CMM(m ³ /min) ≈ 2,472CFM
	Air Volume (with Filter)	Max. 56CMM(m ³ /min) ≈ 1,977CFM
	Size	1090*610*650(mm)
	Weight	56kg
	Operation Mode	0~100 / Digital air volume control
Filter	Pre	56CMM, 15mmH2O
	Medium	29CMM, 15mmH2O(≥85%)
	HEPA	26CMM, 29.7mmH2O(≥99.99%, 0.3μm)

* Maintain negative pressure up to 112m² based on -2.5Pa and 12ACH

- Our ARDC-1502 can perform as negative pressure machine for medical isolation chamber and positive pressure machine for medical operation station to protect medical workers.
- Our ARDC-1502 meets the high standard of CDC and KCDC(Korean Center for Disease Control and Prevention) : maintaining negative pressure in a hospital room that can accommodate 1~6 patients (max. 112m² with 2.5m height)
- With our high-performance BLDC motor, operators can freely control the output level from 0 to 100 depending on their situations.
- Our ARDC-1502 is designed to operate normally in the worst environment in bad weather (snow and rain) when installed in outdoors and negative pressure tent.
- Reinforced plastic case and high tension steel plate protect internal machine from unintended shocks and severe torsions.

ASM-100

Portable Air Differential Pressure Meter & Recorder



Specification

Main Device	Power Supply	DC12V, 5A(Battery 2,400mA)
	Dimension	220*150*60(mm)
Sensor	Measurement Standard	-2.5Pa (alarm function)
	Measurement Sensitivity	0.01Pa
	Measurement Range	+637 ~ -637(Pa)
	Measurement Interval	Measurement per second, storing the average value per minute

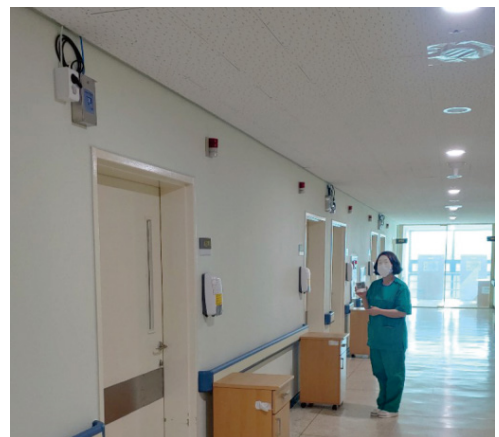
- High-performance sensor made in Switzerland (Ultra-precision static pressure sensor)
- Convenient operation with touch screen
- Alarm function when the standard negative pressure (-2.5Pa) is not reached

MDP-110

Fixed Air Differential Pressure Meter

Specification

Voltage	AC 220V ± 10%	
Power Supply	6W Max.	
Temperature / Humidity	-10~50℃, 0~80%(No condensation/freezing)	
Display	1.54" OLED Blue LCD 128 X 64(mm)	
Pressure Range	-50.0~50.0 Pa	
Pressure Resolution	22Bit ADC	
Output Specifications	Digital	2Port (250VAC/2A)
	Analog	1Port (4~20mA LOAD 500Ω MAX.)
	Communication	Modbus 485 RTU
Function		Changeable Unit (Pa/mmH20/inchH2O)
	Pressure	Automatic Zero Point Setting
		Pressure correction
	Analog output	Output range setting
	Digital output	Alarm output range setting
	Display	Change language (Korean / English)
	Remarks	Max / min measurement record



Disinfection system

for 119 emergency team



- Our Disinfection system is an independent facility for medical emergency service workers.
- Disinfection system is optimized to prevent infections among medical emergency workers, including stretcher cleaners, low temperature plasma sterilizers and ultraviolet sterilizers.

Negative pressure tent

and other Simple Sanitary Facility



COVID-19 Screening Center, Negative pressure isolation tent



Hot-water shower machine



Contaminated water collection tank



Drainage filtration machine



Portable toilet

Performance



Inspected by Mr. President and government officials



Pre-installation Standby at NMC



Installation completed in a hospital room (ARDC-1502)



Installation completed in a hospital room (ARDC-1501)



Installation completed in the negative pressure isolation tent of COVID-19 Screening Center

More than 2,000 units were supplied to 600 medical institutions, including the Korea Centers for Disease Control and Prevention (KCDC), the National Medical Center (NMC), and the Armed Forces Command (AFMC), and quarantine offices of national airports and harbors during the outbreak of the Middle East Respiratory Syndrome (MERS) in 2015 and the new Corona Virus(COVID-19) in 2020.

Supplied negative pressure tents for COVID-19 screening centers to public health centers and 200 medical institutions nationwide.

Supplied Infection Control Facility to 119 emergency team of Seoul city and Chungcheong Province.

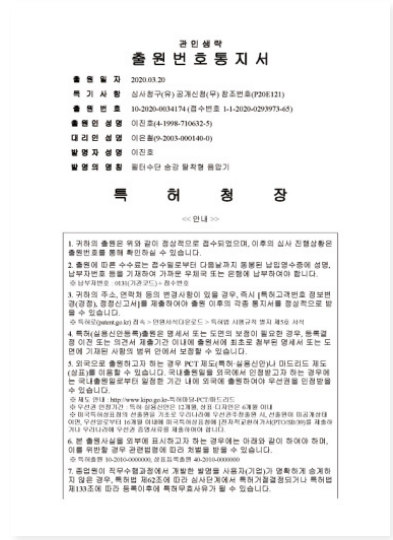
Patent



No.10-0955662



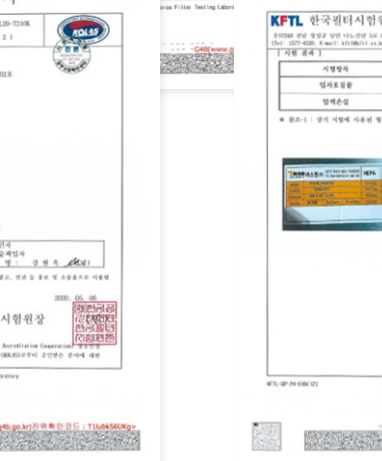
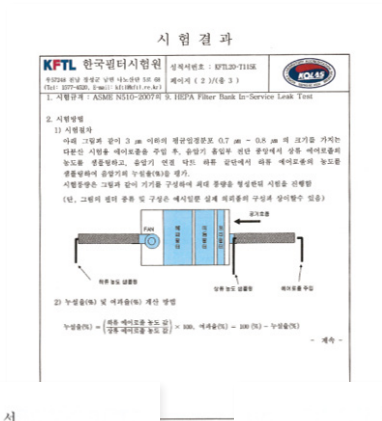
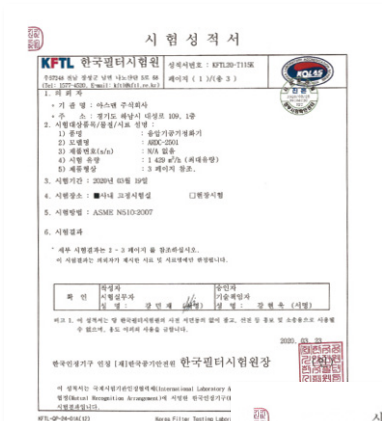
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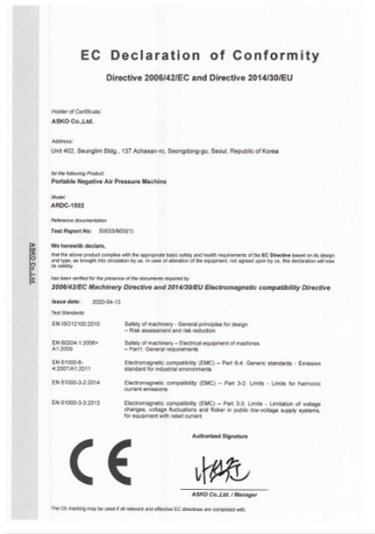
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Test Report

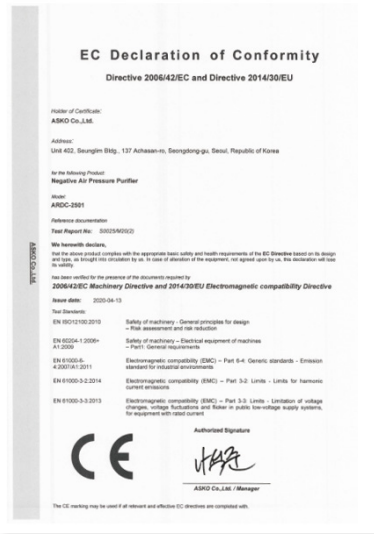
Air Leakage and Filtration Rate: Korea Filter Testing Laboratory



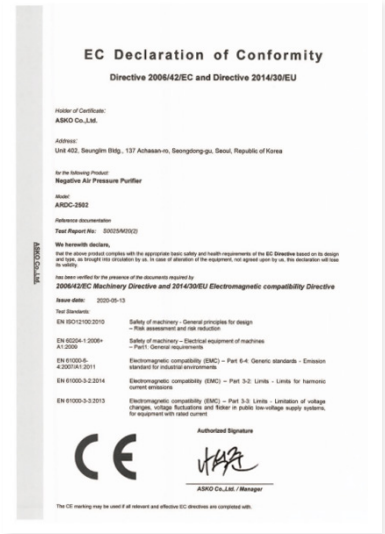
Certificate



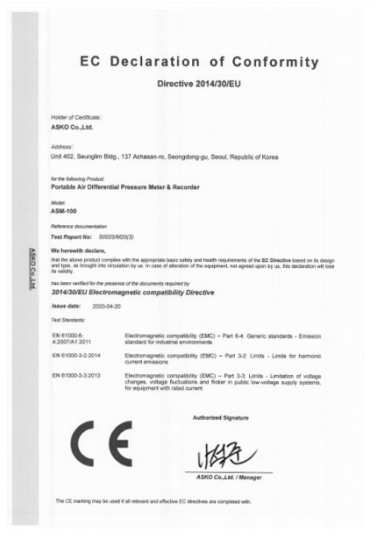
CE : ARDC-1502



CE : ARDC-2501



CE : ARDC-2502



CE : ASM-100



ISO 9001



ISO 14001



Specializes in manufacturing and distributing equipment and consumable supplies for infection control for medical facilities, biological laboratories, and others.

Head Office

4F, Pyeonghwa Bldg., 59, Seongsuil-ro 8-gil, Seongdong-gu, Seoul, Republic of Korea
+82-2-1855-1191 | +82-10-4706-1191

1st Factory

109, Daeseong-ro, Hanam-si, Gyeonggi-do, Republic of Korea

2nd Factory

606, Seohanam-ro, Hanam-si, Gyeonggi-do, Republic of Korea

3rd Factory

3F, Chogwangsandandong-ro 6 beon-gil 71, Hanam-si, Gyeonggi-do, Republic of Korea

www.asmedi.net | asmedi@asko119.com



ASKO CO., Ltd.