Commercial Type / Industrial Use

BAC-2021

Air Cleaner

The Two Main Air Purification Objectives:

1. Germ and microbes that can grow
2. Inhibits the reproduction of dust and fumes

NATURALLY CLEAR • NATIVE • RESPIRATORY FORCE

Germ ebm Fan

Model NO：M495710

COOLBIT BUSINESS AIR CLEANER

ABOUT US

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BEITUN DISTRICT, TAICHUNG CITY

KAIWEI OTOLARYNGOLOGY CLINIC

DOCTOR HUANG

MEDICAL CARE FROM THE HEART, PEACE OF MIND

As a frontline otolaryngologist, it is important to be ahead of the game in the protection of viruses! By searching high and low, we hope to be able to find products that are reliable in terms of air quality and droplet protection for our clinics.

COOLBIT's air cleaners are certified by Japan and reserached by the National Taiwan University (NTU). Its external apperaance is relaxing and overbearing for an air circulator with layers of washable filters as its biggest advantage. As a result, the use of idsposable consumables has been significantly reduced, not only for environmental reasons but also to save money.

The general public's preconceived notion of clinics is its heavy scent of medicines. As I have a sensitive nose, I have always struggled with this point, " How do I get rid of the scent?". It was a relief that this machine has solved this problem that I was struggling with!

In addition to the above, it provides greater assurance of clean air in every corner of the clinic. The fact that it gives patients a sense of peace of mind when they visit a clinic filled with fresh air during the eqidemic, gives extra credit to the brand.

Flying Droplets
Second-hand Smoke
Formaldehydes
Dust Mites
Pet Dander
Oil Fumes
Dust
Pollens

Indoor Formaldehyde

Buddha Hall Incense Smoke

Oil smoke form Motor Vehicles

SOURCES OF POLLUTION ARE EVERYWHERE

Indoor air pollution is 2 to 5 times worse than outdoor air

Mycobacterial Spores

Oil smoke form Motor Vehicles

Cigar Rooms

Pathogens and Bacteria

Confined Spaces

Negative Dimensional
3D Stereo Precision Metal Filters

Washable Metal Filtration Material + Ultra-Low-Cost Consumables =

5 PURIFICATIONS EFFECTS

- ✓ Cyclone Separation
- ✓ Interception
- ✓ Diffusion
- ✓ Inertial Impaction
- ✓ Electrostatic Attraction

Formaldehyde

Oil Fumes

Third-Party Test Result:

Commissioned by "NATIONAL TAIWAN UNIVERSITY, COLLEGE OF PUBLIC HEALTH" for testing,

Trampled 30nm (nanometers) particle, up to 75% purification capability.

REMARK: PM2.5 = 2500nm (nanometer)

Flying Droplets

Dust Mites

Bacteria

Energy Saving

Roller Design
Easy to Relocate

High Circulating Air Volume

Efficient Deodorisation

Full Metal Body Construction

EBM FANS, GERMANY

Imported from Japan

Nickel Metal Filtration Material

Thoughtful Designs

- **NATIONAL TAIWAN UNIVERSITY, COLLEGE OF PUBLIC HEALTH**

The consolidation of departments has been underway since 2010
There are a total of five institutes from August 2019 onwards, which are the “Institute of Health Policy and Management” (formerly the merger of the Institute of Health Administration and the Institute of Medical Management), the “Institute of Epidemiology and Preventive Medicine” (formerly the Institute of Epidemiology and the Institute of Preventive Medicine), the “Institute of Environmental and Occupational Health Sciences” (formerly the Institute of Environmental Health and the Institute of Occupational Health), the “Institute of Food Safety and Health” and the “Institute of Health Behaviour and Community Sciences”. There are also two master’s degree programs: the Master of Public Health program and the Master of Global Health program. There are various laboratory properties in the areas of the College of Public Health, including physical, chemical,and biological.

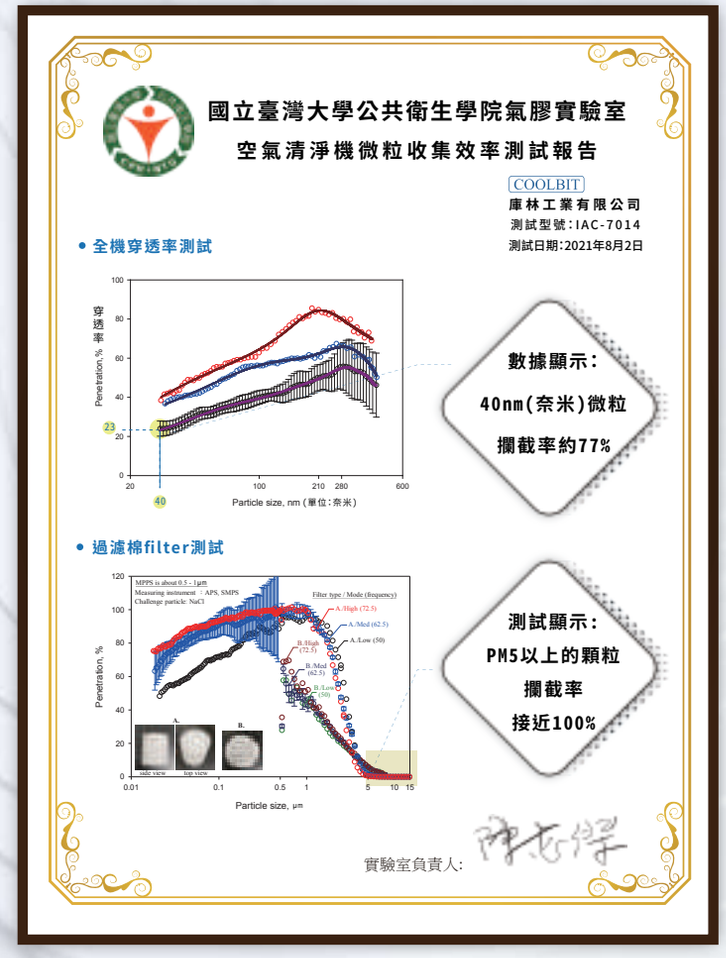
- **INSTITUTE OF OCCUPATIONAL MEDICINE AND INDUSTRIAL HYGIENE PROFESSOR CHEN, "GAS AND OPTICAL MEASUREMENT LABORATORY", RESEARCH EXPERTISE: INDUSTRIAL HYGIENE, AEROSOL TECHNOLOGY**

The laboratory research project consists of:

- Respiratory Aerosol Depos
- Development of Aerosol Samplers
- Fibre Aerosol Measurements
- Particulate matter from motor vehicles
- Air Filtration and Filter Loading
- Improving indoor air pollution control devices

THE ONLY “FULL MACHINE TEST” – THIRD-PARTY INSPECTION REPORT

B.A.C. BUSINESS AIR CLEANER



國立臺灣大學公共衛生學院氣膠實驗室

空氣清淨機微粒收集效率測試報告

COOLBIT
庫林工業有限公司
測試型號:IAC-7014
測試日期:2021年8月2日

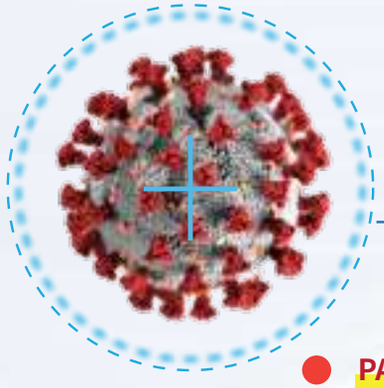
• 全機穿透率測試

數據顯示:
40nm(奈米)微粒
攔截率約77%

• 過濾棉filter測試

測試顯示:
PM5以上的顆粒
攔截率
接近100%

實驗室負責人:



PARTICULATE POLLUTANT DECONTAMINATION MEASUREMENTS:

✓ F-35 ALL-ROUND FILTERING / F-22 ODOUR REMOVAL PLUS / F-16 DUST FILTER PLUS

WIND SPEED / MODEL	Interception Efficiency (5 micrometers)		
	F-35 Fully Equipped	F-22 Deodorant	F-16 Dust Removal
WEAK	96.76%	82%	99.42%
MEDIUM	97.75%	85%	99.66%
STRONG	98.56%	88%	99.83%

INSTITUTE OF ENVIRONMENTAL AND OC CUPATIONAL HEALTH SCIENC ES COLLEGE OF PUBLIC HEALTH

[1:1 FULL MACHINE] PRACTICAL TESTING – CERTIFICATE OF ACCRED ITATION

INDUSTRIAL AIR CLEANER – COMMERCIAL TYPE (DAILY DISPOSAL)

B.A.C. BUSINESS AIR CLEANER

FEATURES

The only purification device on the market that is designed to "Capture and Eliminate Droplets".
Captures particulate matter using the cyclonic separation principle, low air resistance with low consumables.
The 3D negative dimensional metal filter captures finer particles and motor vehicle fumes in the air.
1200g of premium activated carbon to eliminate odors.

SPECIFICATIONS

MODEL	BAC 2021
PRODUCTION AREA	Taiwan
SELF-PRODUCTION RATE	15% in Germany, 10% in Japan, 75% in Taiwan

MODEL	BAC 2021
DIMENSIONS (mm)	710 x1480 (height) x 407
WEIGHT	95 kg

ACCESSORIES

3D NF Filter	3 PC	Replacement free
Volume (mm)	500 x 360 x 15	
Stereo Antibacterial Filter	500 x 360 x 30	RMB50 per piece
Filled Deodorising Activated Carbon	1200g	RMB 300

APP LICABLE ENVIRONMENT

1. Serves as a mid-range air cleaner, cleaning large volumes of air in large spaces.
   · Examples: Waiting area, consultation area, nursing home, teachers' office, creative classroom, office building, etc.
2. Auxiliary high-end air cleaner for increased effectiveness and extended service life.
   For example: Dental clinic, office space, smoking room, workplace, veterinary clinic (beauty center)
   · Combine with a domestic air cleaner for long life and increased effectiveness.
   · Combine with a negative ionizer to amplify the effect.

TERLING ANTIBACTERIAL COTTON –
BULLETPROOF VEST INTERCEPTION PRINCIPLE

3D Negative D imensional Filter capacity > 1000x Filter paper

★ For general dust filtration, weekly replace ment is recommended;
★ For use in medical settings, daily change is recommended

❖ BAC commercial cleaners are suitable for a wide range of office environments and interior configurations.
❖ High CP v alue advantage is preferred by all commer cial office spaces. (Industrial models are also available, please contact us for more information)

MEDICAL FIELD

SCHOOL AUTHORITIES

ARCHITECTURAL DESIGN

INDUSTRIAL SECTOR

DINING
& ENTERTAINMENT

THE FIVE DOMAINS – A VISION

One Flower with Five Leaves – The Results Are Natural

COOLBIT

AIR CLEANING SOLUTION

Our Determination:

1. Airflow must be large enough
2. Supplies need to be as cheap as possible!

庫林工業有限公司

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WEB

LINE

Maintainance