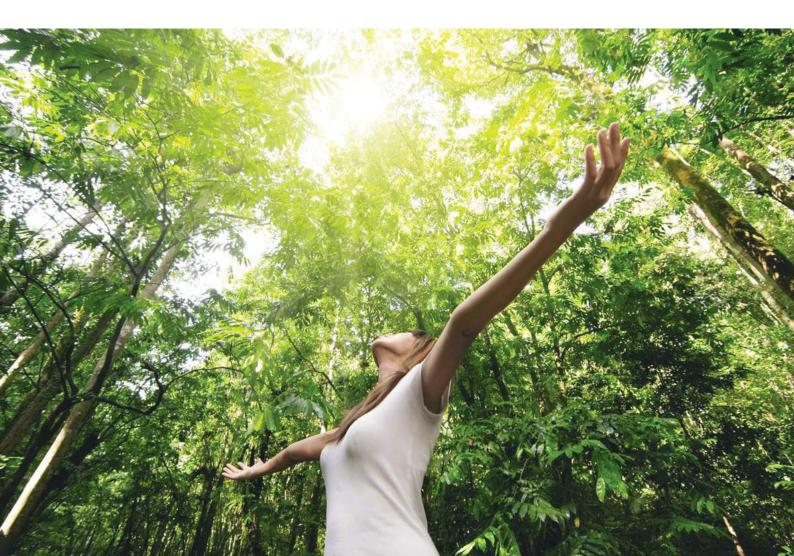


NCCO Air Purifier for the Pathology Laboratory

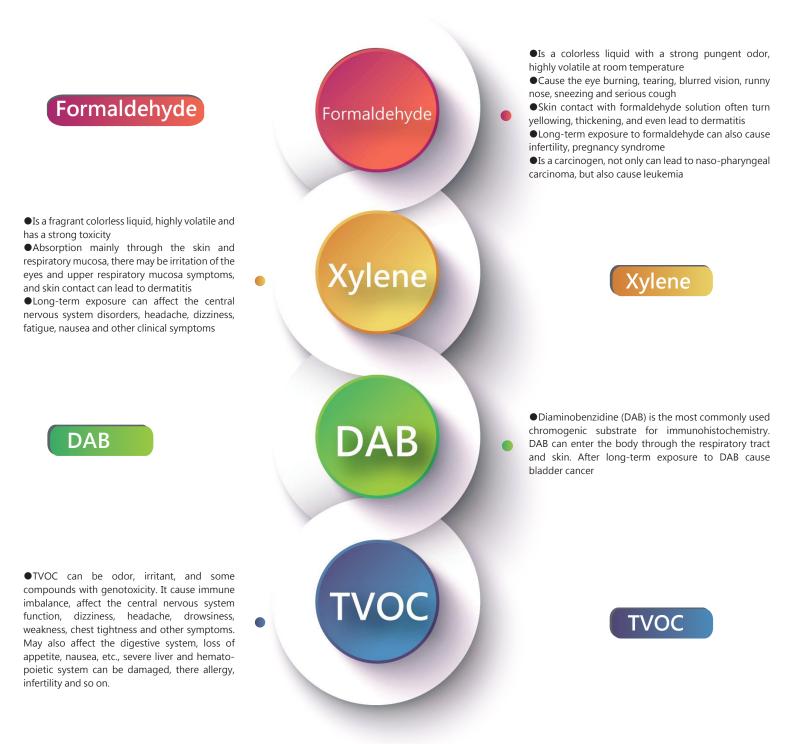
Say NO to Toxic Gases and Odours



The Present Situation of Air Pollution in the Pathology Laboratory

Pathologists and laboratory workers are always exposed to high concentrations of Volatile Organic Compounds (VOCs) in their working environment. These VOCs have been proven to be poisonous and harmful to the human nervous system, liver, kidney and blood.

- 1. Pathologists and technicians take samples from a variety of organs, tissues, blood and other fluids every day. They are not only heavily irritated with tears from their eyes, also facing the risks of being infected by risky pathogens from the tissue samples.
- 2. Common reagents used routinely are formalin, xylene, DAB which have a pungent odours and also are toxic to the human body.
- 3. Alcohol, acetone and other offensive fluids that give off irritating odours which pollute air in our environment.



NCCO Air Purifier 👬



Global patented technology developed by Hong Kong University of Science and Technology (HKUST).

Experience a superb level of decomposition and purification of VOCS thus providing you with a clean and odourless environment.

No further consumables required, thus NO additional expenditure.

NCCO Air Purifier

NCCO is a technology for the sustainable treatment of air pollution, it uses catalytic material to adsorb certain molecules, while excluding others. The oxidants generated by the system will in turn decompose the pollutants into non-harmful products such as water molecules and carbon dioxide, and achieve a high removal efficiency of higher than 90%.



Stands for nano

Catalytic material with nano-sized cavities. It is non-harmful and recyclable.



Stands for catalytic

There are transition metals impregnated within the porous structure of our catalytic material. The transition metals can act as catalysts to enhance the reaction rate between the gaseous contaminants and oxidants.



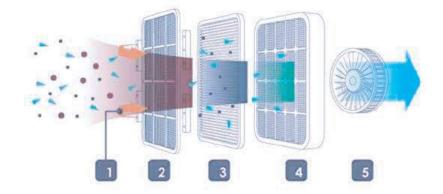
Stands for confined

The catalytic material is able to adsorb certain molecules, while excluding others. This can result in efficient removal of certain types of pollutants from the environment.

Stands for oxidation

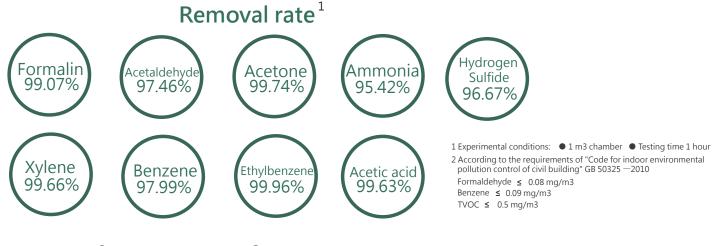


Active oxygen is generated and it is able to oxidize gaseous contaminants into nonharmful products such as water molecules and carbon dioxide, which will leave the catalytic material and regenerate another site for adsorption of pollutant



NCCO FILTRATION SYSTEM

- 1 Pre-filter Filter out normal duct
- 2 HEPA Filter Captures bacteria & small particulates
- 3 Active Ozygen Generator, removre bad odors & virus in the all related filters
- 4 Nano Filter Decom poses the harmful gas & bad odors
- 5 Exhaust fan accelerates the air purification process & emits fresh air
- Five-layer of treatment system, remove pollutants continuously.
- Decomposition of aldehydes, benzene, phenols, alcohols and other harmful gases
- Reaction materials will not be consumed and recyclable
- No consumables required. No additional expenses.



Regulatory Conformity



Safety Certifications:

EMC Directive: EN 55041-1; EN 61000-3-2; EN 61000-3-3; EN 55014-2 Low Voltage Directive: EN 60335-1; EN 60335-2-65; EN 62233

Order Information

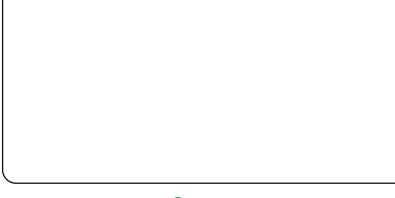
Model Order No. Dimensions(L*W*H) 580*580*215mm Weight Line-in(Voltage) Power Rating Processing Area

WB-EC400 (Ceiling) 310-400 21Kg AC220V~240V 60~80W 20~30m²



WB-RA801 (Mobile) 310-801 637*284*261mm 11.6Kg AC220V~240V 60~80W 10~20m²







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