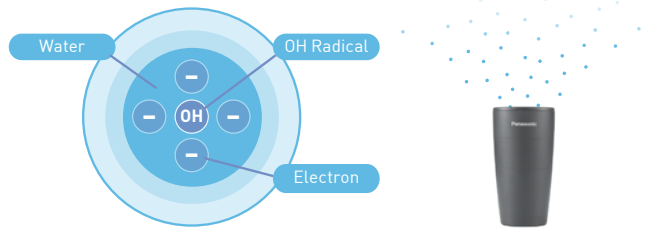


Panasonic Unique nanoe™X Technology

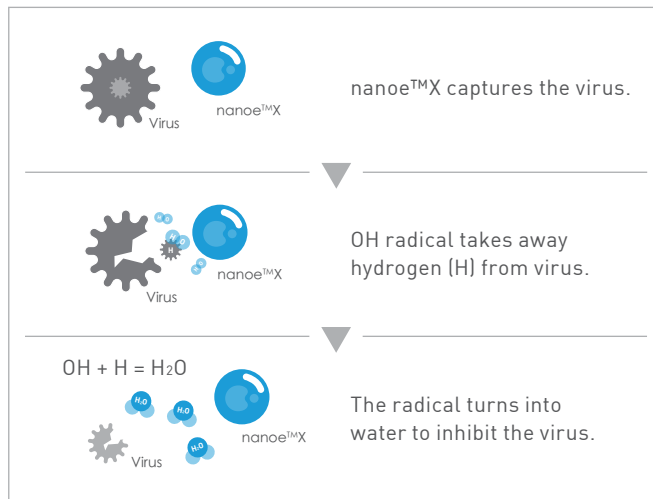
A nanoe™X is a fine (5 to 20nm) and weak acidic water particle with a reactive substance and an electric charge. A nanoe™X device releases radicals in water molecules which effectively removes viruses, bacteria, odors and allergens. The effectiveness of virus*1 and bacteria removal*2 depends on the number of OH radical*3. The more OH radical, the higher effectiveness of the anti-virus power. A nanoe™X device generates at a high rate of 4.8 trillion per second.

nanoe = nano-technology + electric



nanoe™X wrapped in water molecule

How Does nanoe™X Work?



*1 Virus: the effect resulted in 1cu.m. enclosed test box for 2 hours, not at actual usage space.

*2 Adhering Virus > [Test Laboratory] Kitasato Research Centre of Environmental Sciences [Test methodology] exposed to charge water particles for 2 hours in 1 cu.m. by TCID50 (50% tissue culture infectious dose) [Test result] 99% is inhibited [Report no.] 21_0084_1

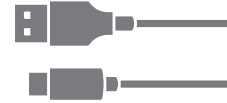
*3 Bacteria: the effect resulted in 25cu.m. enclosed test space for 4 hours, not at actual usage space.

<Airborne Bacteria> [Test Laboratory] Kitasato Research Centre of Environmental Sciences [Test methodology] exposed to charge water particles for 4 hours in 25 cu.m. test room [Test result] 99% is inhibited [Report no.] 24_0301_1

*3 Based on the ESR test methodology, applicable in the air purifier launched after September 2011.

Convenient Connection

nanoe™X Generator can be used conveniently with USB charging ports, laptops, computers and power bank.



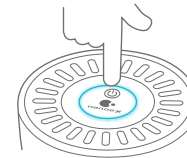
Portable & Lightweight

Comes in the compact size of a coffee tumbler, nanoe™X Generator makes it perfect for various environment without taking up much space. With the weight of only 0.4kg, it is easy to carry around.



Easy Operation

Clean air on your fingertips. nanoe™X will be released by simply pressing the power button on top of nanoe™X Generator.



Specification

Model	Estimated Applicable Volume*9	Air Volume	Noise	Consumption	Power Cord	Voltage	Dimension	Weight	Color
F-GPT01A	3m ³	0.07m ³ /min	36dB	3.5W	1.5m Type C USB	DC 5V (Adaptor 1.5A above)	170 x 90 x 66 mm (H) (Top) (Base)	0.4kg	Black / Red

*9 Eliminates 99% bacteria in 3m³ space in 2 hours [Test organization] Guangzhou Institute of Microbiology Research [Report no. KJ20203596-2]

Condition for generating nanoe™X

- Room temperature : about 5°C ~ 40°C (Dew point temperature more than 2°C)

- Relative humidity : about 30% ~ 85%

nanoe™X is generated using the air in the room, and its amount is subject to the temperature and humidity.

DISCLAIMER

Data provided regarding the effectiveness of nanoe™X and nanoe™ have been obtained through experiments under special conditions using devices which generate electrostatic atomized water, and have not been tested through commercial products with the devices incorporated in them.

Deodorization effect varies according to the environment (temperature and humidity), operation time, odor, and fabric types. It does not eliminate toxic substances in cigarettes (carbon monoxide, etc.). Odors that are continuously generated (e.g. building material odors and pet odors) are not completely eliminated. Results may vary based on usage, and seasonal/environmental variables (temperature and humidity). nanoe™X and nanoe™ inhibit activity or growth of viruses, but do not prevent infection.

Individual results may vary based on usage, and environmental variables (temperature and humidity).



More about nanoe™X

Panasonic

Panasonic Ecology Systems Co., Ltd.
<http://www.plshk.panasonic.hk/>

CATALOG NO: P-NAX102020
 Printed in Hong Kong 10.20

- Specifications are subject to change without prior notice.
 - Actual colors may vary slightly from shown.

Panasonic

nanoe™X Generator
 F-GPT01A



Enjoy
 the Clean Air
 Surrounds You



nanoe™X

Incorporates nanoe™ technology

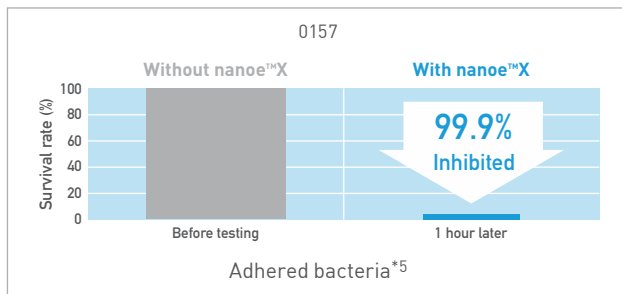
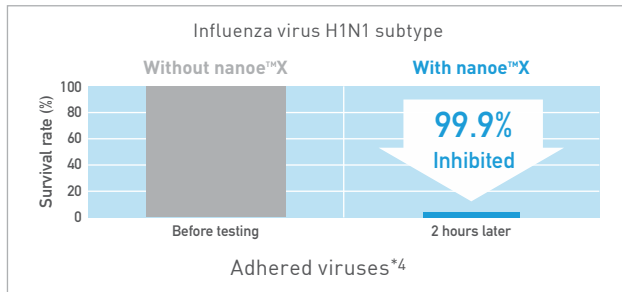
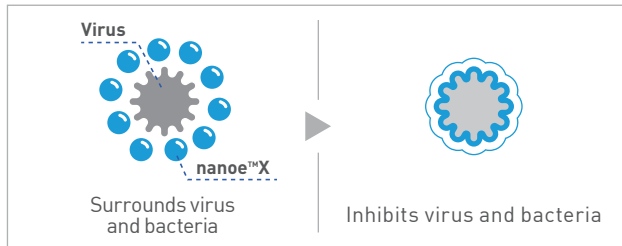
Note: nanoe™ and the nanoe™ mark are trademarks of Panasonic Corporation.

Panasonic



Inhibit Virus and Bacteria

nanoe™X inhibits 99.9% viruses (H1N1 and H5N1) in 2 hours and 99.9% bacteria (E.Coli 0157, MRSA) in 1 hour.



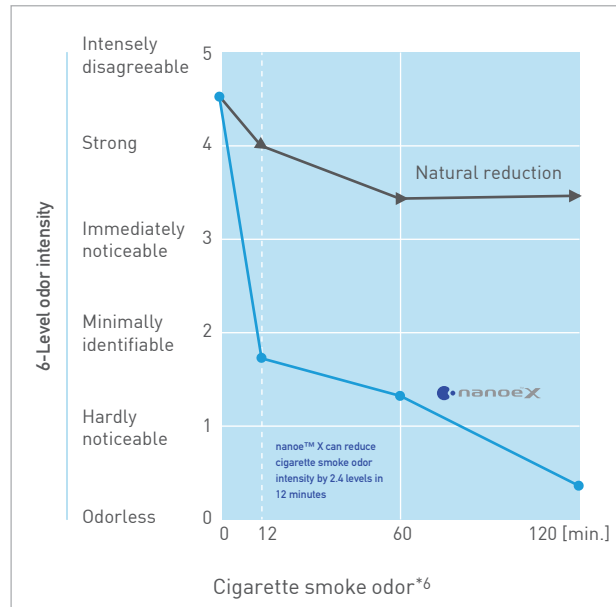
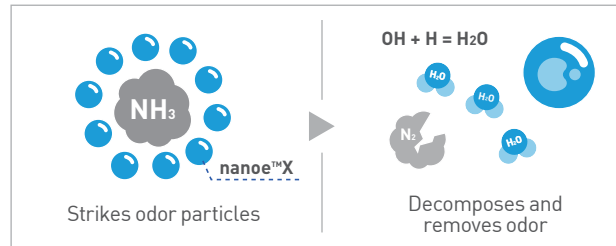
*⁴ <Adhered virus (Influenza virus H1N1 subtype)> [Test organization] Kitasato Research Center for Environmental Science [Test method] Measured the number of virus adhered to a cloth in an approximately 1m³ sized airtight test room [Test method] nanoe™ released [Test substance] Adhered virus [Test result] Inhibited by at least 99.9% in 2 hours [21_0084_1]

*⁵ <Adhered bacteria (0157)> [Test organization] Japan Food Research Laboratories [Test method] Measured the number of bacteria adhered to a cloth in an approximately 45L sized airtight test room [Test method] nanoe™ released [Test substance] Adhered bacteria [Test result] Inhibited by at least 99.99% in 1 hour [208120880_001]



Deodorize Environment

nanoe™X can reduce very strong cigarette smoke odor to hardly noticeable in only an hour.

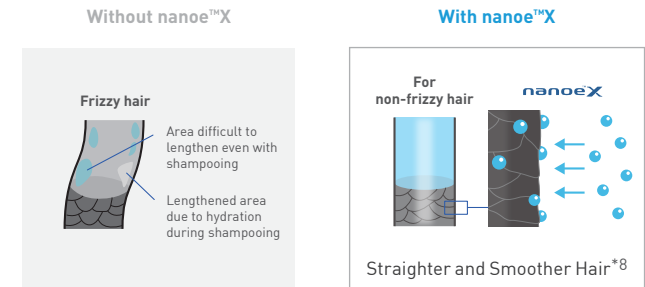
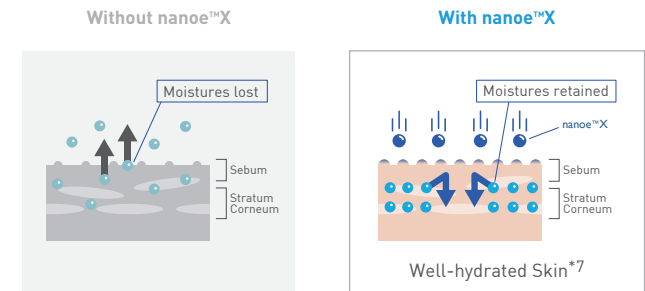


*⁶ <Cigarette smoke odor> [Test organization] Panasonic Product Analysis Center [Test method] Verified using the 6-level odor intensity scale method in an approximately 23m³ sized test room [Test method] nanoe™ released [Test substance] Surface-attached cigarette smoke odor [Test result] Odor intensity reduced by 2.4 levels in 12 min. [4AA33-160615-N04]



Hydrate Skin and Hair

The weakly acidic nature of nanoe™X ion is similar to human skin and hair. nanoe™X attaches on sebum and forms membranes on skin and improves the keratin texture. nanoe™X restores moisture of the entire area which brings you well-hydrated skin and smoother hair.



*⁷ [Testing organisation] FCG Research Institute, Inc. [Testing method and test result] Of 20 women 40 ± 2 years old, 10 women used a nanoe™ generating device at home for 28 days, while the other 10 women used a device with no nanoe™ generating device for 28 days at home. [19104]

*⁸ [Testing organisation] Panasonic Product Analysis Center [Testing method and test result] Approximately 46m³ sized test room, room temperature 25 degrees Celsius, humidity 40%. Bundles [6 bundles] of hair were suspended 2m from a nanoe™ generating device, with repeated operation of the nanoe™ generating device: 8 hours on and 16 hours off. [USD-KS-155-009-TM] [Method] nanoe™ released [Test substance] Hair Individual results may vary based on usage, and seasonal and environmental variables (temperature and humidity).