nanoe™ X

Panasonic

Developed by Panasonic 18 years ago, nanoe™ Technology has continued to evolve ever since. Offering seven beneficial effects, this superior technology has the power to solve a variety of air-related problems!

7 effects of nanoe™ X

Deodorises

Odours

Inhibits 5 types of pollutants

Bacteria & viruses | Mould | Allergens | Pollen | Hazardous substances

Moisturises

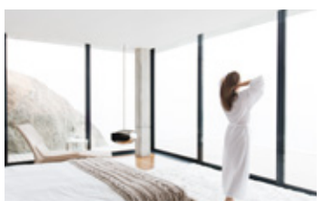
Skin & Hair

nanoe™ X is highly effective in inhibiting even adhered substances.

• For hotels

Since so many different guests stay in a guest room, odours are bound to be left behind. nanoe™ X ions inhibit odours lingering in the air but also those that have settled into the carpet and curtains. The result is a room that is comfortable and fresh for the next guest.

Also recommended for: Removing stubborn odours from lounges
Keeping restaurants clean



• For clinics

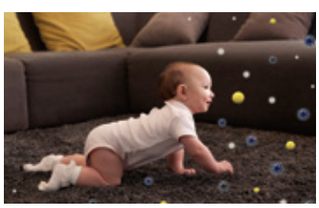
Since patients and visitors of all ages constantly come and go in your waiting room, it' s only natural to be concerned about air quality. nanoe™ X ions effectively inhibit airborne bacteria and viruses as well as those that have adhered to furniture, curtains and other amenities in the room.

Also recommended for: Maintaining high-level hygiene in maternity clinics
Keeping air in child care centres extra-fresh

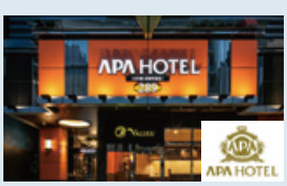
• For homes

Air quality is of particular importance in homes with babies or small children. nanoe™ X ions effectively inhibit mould and other allergens, whether they are airborne or adhering to carpets and other surfaces. In this way, nanoe™ X Technology helps create a healthier space for the entire family.

Also recommended for: Inhibiting allergens in homes with pets
Minimising mould in humid closets



Products featuring nanoe™ X have been widely adopted in commercial facilities and hotels across Japan.



APA Hotel
5,000 units
(as of April 1, 2019)

Sakana-machi Hospital

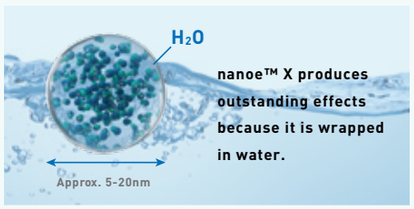
7-Eleven
14,000 stores
(as of April 1, 2019)

LEXUS
Expanding adoption to 36 models
(as of January 31, 2019)

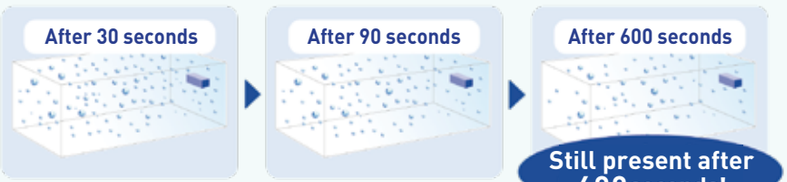
Technology points

1. nanoe™ X is amazing

・nanoe™ X ions are water ions

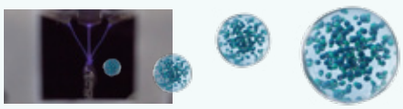


nanoe™ X produces outstanding effects because it is wrapped in water.



Since nanoe™ X particles are wrapped in water that acts like a shield, they tend not to bond with other substances but last until they interact with and inhibit bacteria, viruses and more.

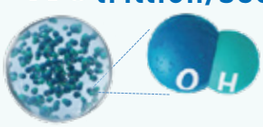
Only Panasonic generates OH radicals!



・Huge quantity of OH radicals

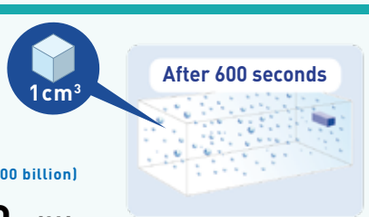
In one second, nanoe™ X generates as many as 4.8 trillion particles!

4.8trillion/sec



Testing room size: 24m³

1. Long life because they're enveloped in water — 600sec
2. Huge quantity of OH radicals — 4.8 trillion (=4,800 billion)



600sec × 4,800 billion ÷ 24,000,000 cm³ = **120million/cm³**

2. nanoe™ X devices are amazing!

Made in JAPAN

・Extremely durable - no need for replacement thanks to titanium!

Used in eyeglasses and other accessories, titanium is a superior material that is lightweight and hard and does not deteriorate over time. The challenge of processing it is handled by Japanese craftsmen in Sabae, Japan.

・Japanese craftsmanship has made possible the adoption of titanium.

The electrodes of nanoe™ X devices are produced in Japan with technical support from a factory that features advanced expertise in processing ultra-small titanium parts for eyeglasses.

3. nanoe™ X is recognized by experts

The results of verifying the effects of nanoe™ Technology have been reported worldwide.

PROFESSOR
MASAFUMI MUKAMOTO
Graduate School of Life and Environmental Sciences, Osaka Prefecture University

"I recommend that equipment incorporating nanoe™ X Technology be placed in buildings where cleanliness is required, such as in schools, childcare facilities and medical institutions."

PROFESSOR
MASAHIRO SAKAGUCHI
Laboratory of Veterinary Microbiology I, School of Veterinary Medicine, Azabu University

"As nanoe™ X is effective in inhibiting invisible allergens, we can expect it to help create a comfortable environment."