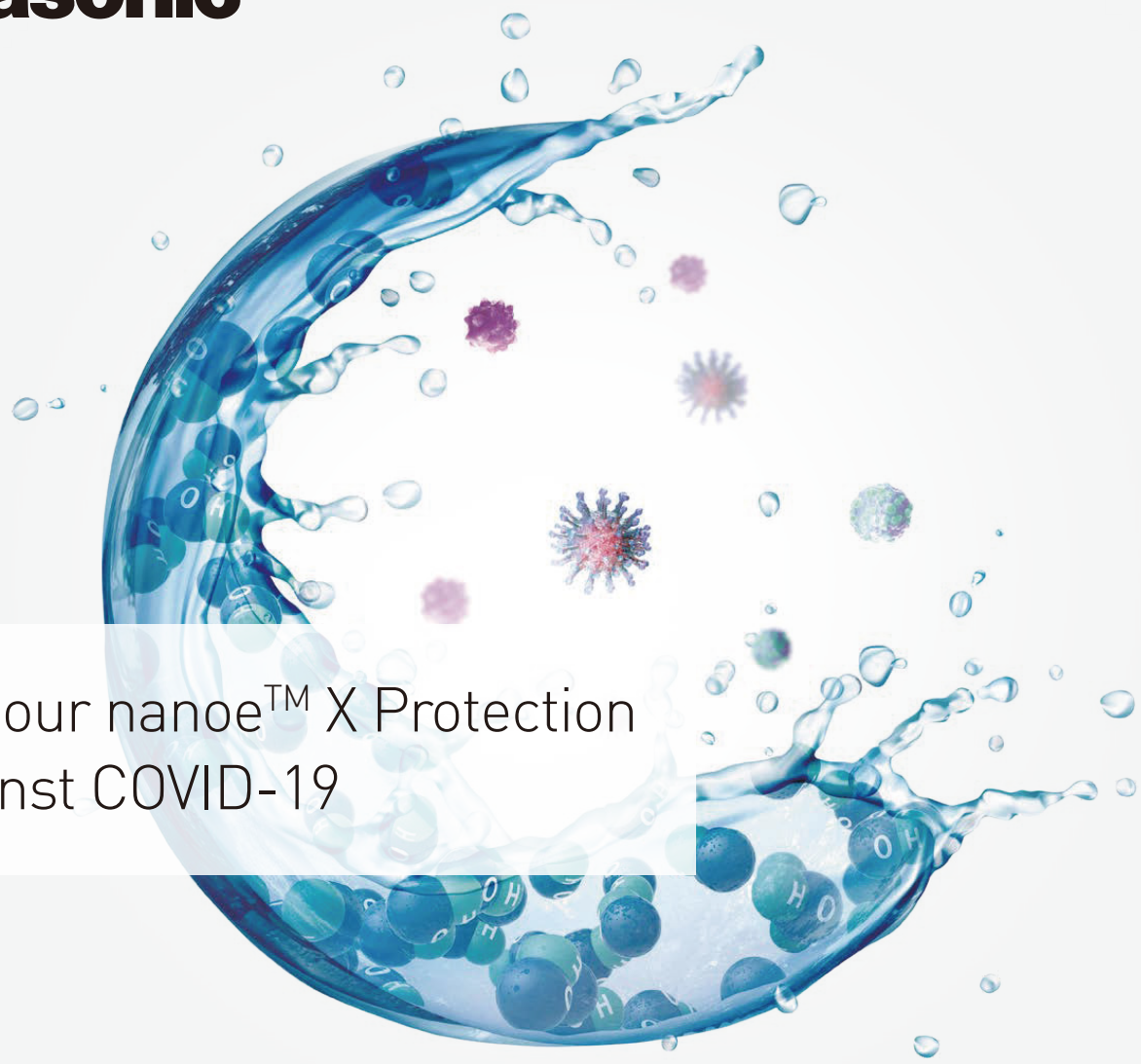
Panasonic



24-hour nanoe™ X Protection
Against COVID-19

Attacking with technology

nanoe™ X

Test results: novel coronavirus activity inhibited

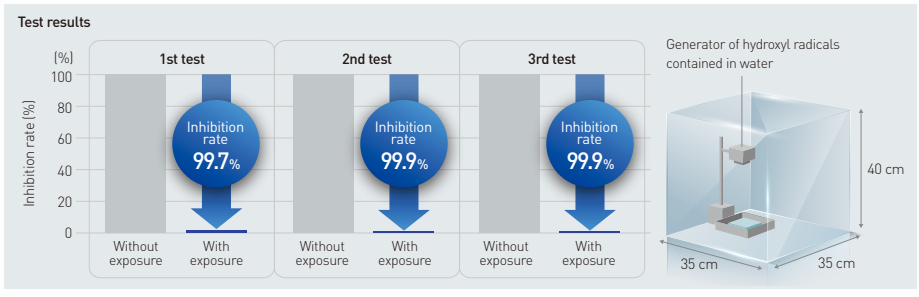
Test of a generator of hydroxyl radicals contained in water

Overview

The objective of this test was to determine if hydroxyl radicals contained in water inhibit the activity of the SARS-CoV-2 virus. Gauze saturated with SARS-CoV-2 virus solution was exposed to a generator of hydroxyl radicals contained in water (nano-sized electrostatic atomized water particles) from a distance of 15 cm in a 45 L box for 3 hours. Over 99% of the activity of the SARS-CoV-2 virus was inhibited.

Details

(1) Testing organisation: Osaka Prefecture University (Japan). (2) Test subject: novel coronavirus (SARS-CoV-2). (3) Test volume: 45 L enclosed box (400 mm x 350 mm x 350 mm). (4) Exposure time: 3 hours. (5) Exposure distance: 15 cm. (6) Number of tests: 3.



Notes: (1)The virus infectious titer was measured and used to calculate the inhibition rate. (2) This verification was designed to generate basic research data on the effects of hydroxyl radicals contained in water on the novel coronavirus in laboratory conditions. It was not designed to evaluate product performance.

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