



Model SG-OzPAK

Sustainable, Green and Portable Battery-Operated Ozonated Water Jet Spray

The ProMedUSA SG-OzPak is powered by a rechargeable battery providing up to **12 continuous hours** of Ozonated Water with **up to 2PPM** of dissolved ozone.



BACTERIA SWAB TEST RESULTS
SystemSure Plus ATP Monitor

LOCATION	BEFORE	AFTER
LITTLE INDIA NEL MRT STATION GENTS TOILET	5272	20
BUKIT TIMAH FOOD CENTRE GENTS TOILET	1143	29
BERSEH FOOD CENTRE GENTS TOILET	621	100



Up to 12 hours
operation



Over 2PPM
dissolved ozone



Powered by a
rechargeable battery



**GREEN &
SUSTAINABLE**



**USES
TAP WATER**



**REDUCES
CHEMICAL USE**



**SAVES TIME
& LABOUR**



**CLEANS,
SANITISES &
DEODORISES**

WHY USE OZONATED WATER?

Clean. Sanitise. Deodorise. Reduce Chemical Use.

The ProMedUSA SG-OzPAK is a portable, battery-operated system that produces a powerful jet of ozonated water with **more than 2 ppm dissolved ozone** and provides up to **12 hours of continuous operation** on a rechargeable battery.

HOW OZONATED WATER WORKS

Ozone is dissolved directly into ordinary water. The resulting ozonated water can be applied to washable surfaces for cleaning, sanitising and deodorising. **After use, the dissolved ozone naturally decomposes rather than leaving a conventional chemical residue.**

The SG-OzPAK generates the ozonated water on demand, so there is no need to transport or store a separate chemical solution.

Ozonated water is 100% sustainable, safe for people, plants and animals, non-polluting and ESG compliant.

PRACTICAL FACILITY BENEFITS

REDUCE CHEMICAL USE - Useful for many routine cleaning, sanitising and odour-control tasks where conventional chemicals may otherwise be required.

SAVE WATER & TIME – No rinsing needed. Ozonated water simply turns back into plain tap water and oxygen. Save water, cleaning time and manpower.

NO HOT WATER REQUIRED - Many applications can be carried out with cold water, helping reduce energy consumption.

INDEPENDENTLY TESTED PERFORMANCE

Controlled testing referenced in our technical documentation includes E. coli, Salmonella, Listeria, MRSA, Norovirus, Hepatitis A and Coxsackie virus. Results depend on ozone concentration and contact time.

Nara Medical University testing reported 99.7% SARS-CoV-2 reduction after 30 seconds and greater than 99.9% after 60 seconds using ozonated water from the same ozonated water generator we use in our SG-OzPAK under controlled laboratory conditions.

SINGAPORE PUBLIC TOILET FIELD TRIALS

LITTLE INDIA MRT

5272 → 20

ATP swab reading
before → after

BUKIT TIMAH FOOD CENTRE

1143 → 29

ATP swab reading
before → after

BERSEH FOOD CENTRE

621 → 100

ATP swab reading
before → after

In these 3 Singapore toilet trials, urinal ATP swab readings fell after a brief wash with SG-OzPAK ozonated water. ATP readings indicate biological/organic contamination and are useful for before-and-after hygiene verification.

TOILETS & WASHROOMS

Wash toilets, tiles and grout to sanitise, and remove odours and stains.

BIN CENTRES & RUBBISH CHUTES

Cleans, deodorises and sanitises smelly dirty bin centres and rubbish chutes.

FLOORS, WALLS & COMMON AREAS

Ozonated Water can be safely used on virtually any washable surface without damaging the material or altering its colour.

FOOD PREPARATION AREAS

Ozonated water has been approved by the FDA and the U.S. Department of Agriculture for use in sanitizing and cleaning food preparation surfaces and equipment.

SCHOOLS & HEALTHCARE

Safely clean, deodorise, and sanitise high-risk areas.

PET & COMMERCIAL FACILITIES

Quick and effective where odour control and surface sanitation need to be combined in one process.

1

CONNECT

Connect the unit to a normal tap water source.

2

ACTIVATE

Switch on the OzPAK to produce ozonated water.

3

APPLY

Spray the target washable surface or treatment area.

4

YOU'RE DONE!

No rinsing is required.

PLAIN TAP WATER IN. OZONATED WATER OUT.

Over 2 ppm dissolved ozone • Rechargeable battery • Up to 12 hours operation • Portable and lightweight

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Contact us for a demonstration or more information.

SIMPLE AND EASY TO USE



ACTUAL TEST RESULT BEFORE AND AFTER OZONE WATER



BEFORE APPLYING OZONE WATER
THE BACTERIA COUNT WAS 2728



AFTER APPLYING OZONE WATER
THE BACTERIA COUNT IS JUST 99

ProMedUSA SG-OzPAK

Ozonated Water Generator

Hand Wash Effectiveness*



Before Washing



After Washing

PATHOGEN	WASH TIME	% REDUCTION
Staphylococcus aureus	5 seconds	99.9%
	15 seconds	99.999%
E.coli	5 seconds	99.9%
	15 seconds	99.999%
Salmonella	5 seconds	99.999%
	15 seconds	99.9999%
MRSA	5 seconds	99.99%
	15 seconds	99.999%
HFMD (Coxsackie)	5 seconds	99.9%
	15 seconds	99.99%
Listeria	5 seconds	99.999%
	15 seconds	99.999%
Legionella	5 seconds	Not tested
	15 seconds	99.99%
Hepatitis A	5 seconds	99.9%
	15 seconds	99.99%
Norovirus	5 seconds	99.9%
	15 seconds	99.999%

*Tested by Dokkyo Medical University (Japan) and also by SGS Worldwide Testing and Certification Service (Swiss) with 5 and 15 second exposures to ozonated water of 5ppm

ODOUR ☐ BACTERIA ELIMINATION

PROVEN - VERIFIED RESULTS

Men's Toilets

LOCATION	READINGS			
	ODOUR READING Cosmos XP-329 Odour Meter		BACTERIA SWAB TEST RESULTS SystemSure Plus ATP Monitor	
	BEFORE	AFTER	BEFORE	AFTER
LITTLE INDIA NEL MRT STATION GENTS TOILET	586	478	5272	20
BUKIT TIMAH FOOD CENTRE GENTS TOILET	496	345	1143	29
BERSEH FOOD CENTRE GENTS TOILET	472	338	621	100

Test Procedure: The smell in the Men's Toilet at these 3 test sites was first measured for odour using the standard Cosmos Model XP-329 Odour Meter.

We then swabbed the urinals with the hospital Grade SystemSure Plus ATP meter and measure the relative bacterial count.

The Toilets were then washed down briefly with the Ozonated Water from the SG-OZPak and the readings were taken again.

The results: Odours immediately reduced by at least 30% with a single wash (repeated washing will further reduce the odours).

The bacteria count was reduced to a level that would be acceptable by the AVA for serving food on (100 counts or less). Theoretically, the urinals were sanitised enough to eat from!



CONFIRMATION OF THE EFFECTIVENESS OF THE OZONATED WATER PRODUCED BY THE OZONE GENERATOR USED IN THE SG-OzPAK IN DEACTIVATING THE CORONAVIRUS SARS-CoV-2

Tested at Nara Medical University, Level3 Biohazard Lab October 2020

TEST VIRUS USED: NOVEL CORONAVIRUS (SARS-CoV-2)

A study conducted at the Nara Medical University, by Professor Hisakazu YANO, Associate Professor Ryuichi NAKANO, Department of Microbiology and Infectious Diseases, confirmed the novel coronavirus SARS-CoV-2 inactivation effect of low-concentration ozone water generated by the Professional Use Ozone Generator used in ProMedUSA's SG-OzPAK.

The study confirmed the inactivation effect on the novel coronavirus of approx. 0.2 mg/l of low- concentration ozone water (hereafter referred to as "the ozone water") generated using an actual production model of the equipment to infuse tap water with ozone gas from a nozzle directly connected to the faucet.

The test and confirmation of effectiveness in the study were implemented under proper pathogen containment measures ex situ at bio-safety level 3 (BSL3), and do not constitute proof of effectiveness in an actual-use environment using the equipment.

TEST RESULTS:

The virus reduction rate was 99.7% with a 30 second exposure and at least 99.9% in 60 seconds respectively. These values are the average values of two tests.

	0 seconds	30 seconds	60 seconds
Without the ozone water	1.49×10^6	1.28×10^6	1.17×10^6
With the ozone water	1.49×10^6	2.75×10^3	$< 2.00 \times 10^2$
Decline rate (%)	-	99.7 %	> 99.9 %

The test results confirmed that the ozone water renders the novel coronavirus SARS-CoV-2 inactive at a rate greater than 99.9%. This confirms that cleaning with the SG-OzPAK's ozonated water may be effective for preventing contact infection via substances infected with the novel coronavirus.







YOUR LOCAL SG-OzPAK DEALER

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LOCAL SUPPLY. LOCAL SUPPORT.



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