

KOGANEI

BK-P038

<http://www.koganei.co.jp>

KOGANEI CHOU! OTETEKIREI

PAT. PEND.

Powerful sterilization that's easy on the hands!

**Effective against noroviruses and
influenza viruses!**

Simple to use at a washstand or other hand washing locations

Diluted to be gentle on your hands with minimal penetrating odors

Effectively eliminates viruses and bacteria



EHP60
Slightly acidic hypochlorous acid water generator

Compact, automatic water dispensing

Compact configuration can be installed near a sink for easy use. Also, the auto water dispensing sensor is hygienic.



Slightly acidic, with a low chlorine concentration

Slight acidity that is easy on the hands, with a low chlorine concentration that minimizes odor, allows you to use the EHP60 any time.

Safe

Food additive specifications permit worry-free use.

Wide range of applications

Hospitals, care facilities, hotels, restaurants, schools, food processing plants, and more

Functions

This device generates electrolyzed water, which is effective at eliminating bacteria and viruses when hands are washed. Electrolyzed water combines tap water with saline solution for adjustments, which is then electrolyzed to generate electrolyzed hypochlorous acid water (proper name: slightly acidic hypochlorous acid water). The generated electrolyzed water's slight acidity and low chlorine concentration is close to neutral. Easy on the hands, this water exhibits high sterilization capabilities on microorganisms. (pH: 5.5 to 6.5, slightly acidic: Effective chlorine concentration: 10 to 15 mg/ℓ)

EHP60 generated water exhibits outstanding sterilization properties that are effective against a wide range of bacteria and viruses.

Effectiveness on various types of microorganisms

General bacteria	General bacteria	
Bacteria that cause food poisoning	Coliform bacteria O-157 Salmonella bacteria	Noroviruses
Pathogens	Legionella Influenza viruses	
	70% alcohol	
	EHP60 generated water	

Installation



Specifications

Item	Model	EHP60
Electrolytic method		Membrane-free electrolytic system
Discharge flow rate	ℓ/h	60
Effective chlorine concentration	mg/ℓ	10 to 15
pH range		5.5 to 6.5
External dimensions (W × D × H)	mm [in]	173 × 102 × 207 [6.8 × 4.0 × 8.1]
Mass	kg [lb]	2.5 [5.512]
Power supply	V	AC100(50/60Hz)
Power consumption	W	100
Supply water		Water that meets water quality standards for drinking water
Supply pressure ^{Note 1}	MPa [psi]	0.15 to 0.3 [22 to 44]
Supply water temperature	°C [°F]	2 to 40 [36 to 104]
Ambient temperature	°C [°F]	2 to 40 [36 to 104] (non-freezing)
Saline solution for adjustments (consumable)		EHPW-5 (saline solution for adjustments)
Maintenance ^{Note 2}		Electrode cleaning (Standard: 1,000 hours), electrode replacement, built-in pump replacement (standard: 3,000 hours)

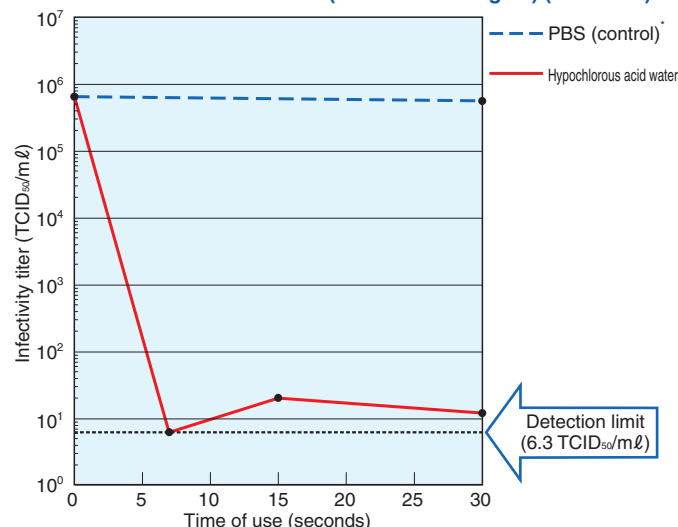
Note 1: For use outside the supply pressure range shown above, contact Koganei.

Note 2: For information about maintenance, contact Koganei.

Confirmed in test laboratory

The effectiveness of this hypochlorous acid water is checked by test laboratories.

Test results on feline calicivirus (norovirus surrogate) (reference)



When electrolyzed hypochlorous acid water was used on feline calicivirus (norovirus surrogate) for 7, 15, and 30 seconds, infectivity was reduced by 5, 4.5, and 4.7 orders of magnitude respectively.

* PBS (control): Phosphate-buffered saline control solution without using electrolyzed hypochlorous acid water.

According to Kitasato Research Center for Environmental Science (24_0050 from KRCS)

Main unit EHP60



Consumable EHPW-5

(saline solution for adjustments 5 ℓ)



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●Note that the specifications and external appearance are subject to change without notice.

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