OKS 1895

OKUTANI Ltd.

OKS MICRO NANO BUBBLE PARTS WASHER

OKS-1400HS

MICRO NANO BUBBLE

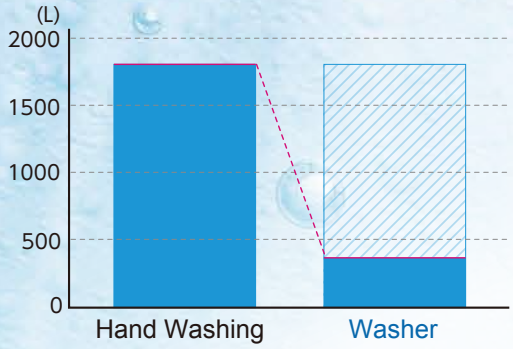
Automating manual cleaning of sanitary parts! Introducing a micro-nanobubble cleaning solution that saves time and money.

Effectiveness of Introduction

Benefit 1
Water Saving

Up to 80% Water Saving

Daily Water Usage



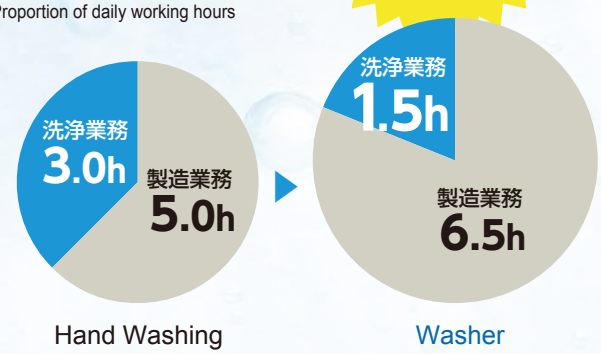
This system offers substantial water-saving benefits compared to traditional manual cleaning. We would be happy to provide a cost comparison tailored to your current operational setup."

*Manual washing: Faucet fully open (10L/min) × 3 hours
Washer: Tank volume (120L) × 3 cycles

Benefit 2
Reduced Labor

Cut cleaning time in half!

Proportion of daily working hours



Compared to time-consuming manual cleaning, the micro-nano bubble washer lets you simply load the parts and press a button—leave the rest to the machine!
While cleaning is in progress, staff can focus on other tasks, and risks associated with high temperatures or chemicals are also reduced.

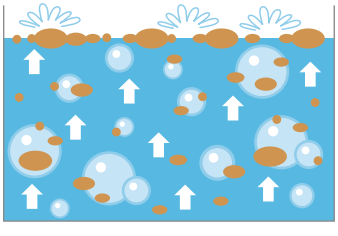
*Manual cleaning: 3 hours
Washer: 1.5 hours

What Are Micro-Nano Bubbles?

Micro-nano bubbles are tiny gas bubbles dispersed in liquid.
Bubbles with a diameter of 10 micrometers (1/100 mm) to several tens of micrometers are referred to as “microbubbles,” while those smaller than a few hundred nanometers are called “nanobubbles.”

How Micro-Nano Bubbles Clean

Contaminants dispersed in water are difficult to lift on their own.
Micro-nano bubbles adsorb and lift them through interactions with the water's surface tension.
When they reach the surface, the micro-nano bubbles burst, leaving only oils and debris on the water’s surface.
Combined with direct cleaning from regular-sized bubbles released through multiple nozzles in the tank, the micro-nano bubbles enhance overall cleaning performance.

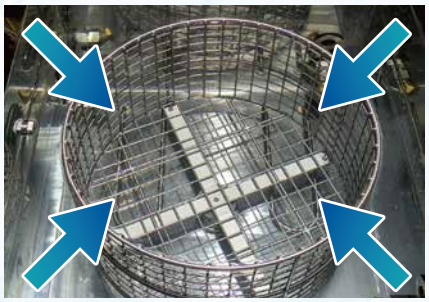


Four Key Features

Thorough cleaning of sanitary parts from all angles with a 360° approach!

1 Powerful Cleaning from All Directions

High-power nano-bubbles are sprayed from our uniquely designed nozzles in four directions, thoroughly cleaning even the hard-to-reach areas of the wash basket.



2 Efficient Cleaning with Oscillating Rotation

During the wash cycle, the basket holding various parts rotates and oscillates, enabling efficient and uniform cleaning.

3 Compatible with Small and Delicate Parts

Even small items like screws, gaskets, and electrodes can be cleaned effectively when placed in dedicated baskets.

4 Recirculating Wash System to Prevent Recontamination

Floating debris in the water is filtered out through our original strainer system during circulation, preventing it from redepositing on parts and ensuring consistently clean results.

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Main Unit Specifications

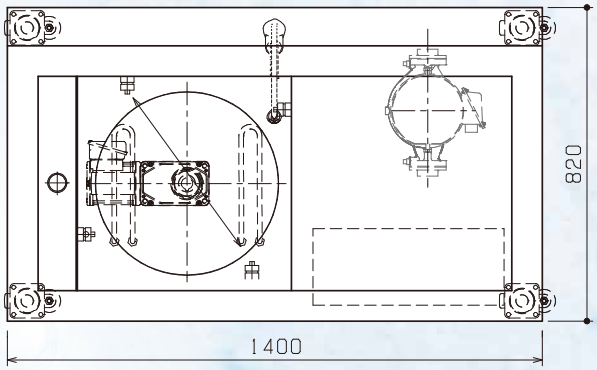
Model: OKS-1400HS

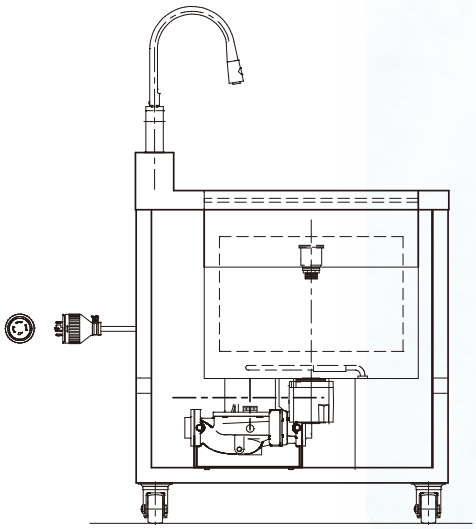
Overall Dimensions (mm)	Width	Depth	Height
	1400㎜	**820㎜**	**970㎜**

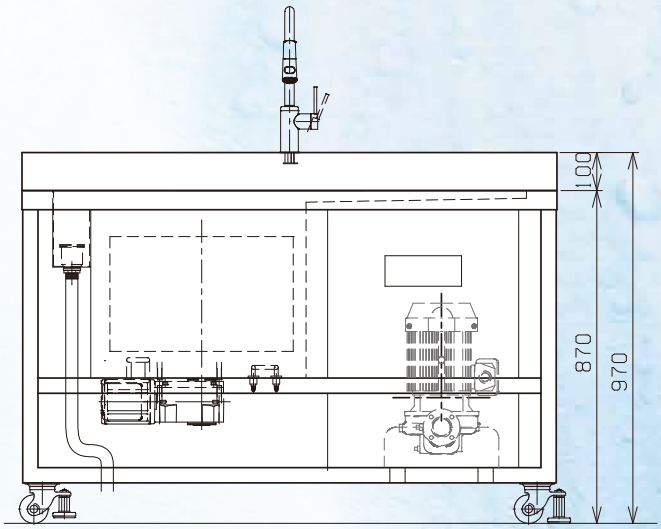
Power Consumption (5kW total)	Pump	Heater
	1.5kW	**1.5kW×2**

Connection Diameter (A)	Water Supply	Drain
	20A	**40A**

*__Included Accessories:__ 1 standard cleaning basket.
*__Temperature Adjustment:__
Adjustable from room temperature up to 80°C (thermostat built-in)







Achieves "Low Concentration" × "High Cleaning Power" × "Improved Rinsability"!

A cost-effective, phosphate-free detergent with low environmental impact.

Specialty Detergents for Sanitary Parts

●OKS-D-FL-100

Application: For food and cosmetics industries
Usage concentration: 0.2% – 1.0%
pH: Alkaline
Form: Liquid
Packaging: 4L plastic container × 4 containers per box

●OKS-D-CL-100

Application: For pharmaceutical and cosmetics industries
Usage concentration: 0.2% – 2.0%
pH: Neutral
Form: Liquid
Packaging: 18L plastic container

*Jointly developed with a major chemical manufacturer

OKUTANI Ltd.
Hole Solutions Company

OKS 1895

Kobe Headquaters
4-5-5, Aioi-cho, Chuo-ku, Kobe 650-0025 Japan
T : +81-78-351-2531　　E : info@okutanikanaami.co.jp
URL : https://www.okutanikanaami.co.jp/

Portal Site

ODS Sanitery Strainer

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