



Fastening solution.

Toward a new future of manufacturing technology.

NITTO SEIKO

Products News

Multifunction type Micro-bubble Parts Washer

Automation from cleaning to dewatering.

◆ All-in-one Unit Combining All Functions Necessary for Cleaning

Two types of nozzles are provided: spray nozzle enabling powerful jet of micro-bubble cleaning liquid and shower nozzle spraying concentrated micro bubbles. In combination with the cleaning basket rotation feature, you can select desirable cleaning patterns matching a variety of objects to be cleaned. The washer comes standard with the dewatering blower and the oil/water separating capability. This unit integrates all of cleaning, dewatering capabilities, achieving long life of cleaning liquid. The washer is suitable specifically for degreasing.

◆ Safety

Without using chemical compounds including organic solvents, acids, alkalis, and surfactants, the washer removes oils and contaminants with micro bubbles made of water and air. Achieving operator- and environment-friendly cleaning without using dangerous chemicals.

◆ Low Running Cost

As making of cleaning liquid requires only tap water and air, there is no need to purchase and keep dedicated detergents or solvents. The washer can be also used in the area where detergents are hardly available. * Please feel free to contact us on export to other countries.

◆ Easy Operation

Normal operations are easily available from the touch screen. You can set a desired cleaning pattern.
(Available settings: spray cleaning, shower cleaning, dewatering time, and water temperature)

◆ Space-saving

Compact design with equipment dimensions W 800 mm × D 830 mm × H 1515 mm. The washer can be easily installed in an empty space in a factory.

◆ available for customizing to meet requirement

We offer the cleaning system perfect for you by tailoring the basic product package to your needs.
(We also design an in-line (semi/full automatic) washer to make it suitable for your product.)



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◆ Main Specifications

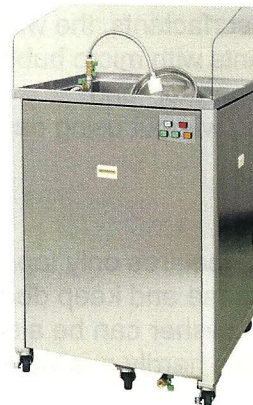
Name	Multifunction type Micro-bubble Parts Washer
Equipment dimensions	W 800 mm × D 830 mm × H 1,515 mm (Excluding protrusion)
Cleaning basket dimensions	φ400 mm × H300 mm (Max)
RPM of cleaning basket	30 rpm at max
Max weight of workpiece to be cleaned	10 kg or less (standard specification)
Tank capacity	Approx. 70 L
Cleaning nozzle	Arrangement of multiple sprays and showers
Liquid pressure	Approx. 0.5 MPa
Volume of sprayed water	Approx. 40 L/min
Temperature of cleaning liquid	Temperature rise up to 70 degrees C available
Pump capacity	1.5 kW
Heater capacity	4 kW
Filter	Stainless-steel suction filter (Filtration diameter of accessory: 75 μm)
Option	• Dryers • Oil/water separators
Weight	Approx. 270 kg (dry weight)
Power source specification	3φ, 200 VAC, 50/60 Hz Approx. 6.5 kW (Equipment electric capacitance: 9 kVA)

◆ Application

- Machined parts
- Precision parts
- Cold forged parts
- Springs and washers
- Degreasing of resins and rubbers



◆ Product lineup



Simple type
Simplest and most cost-effective



Space-saving type
Combination of great basic capabilities and excellent user-friendliness

■ Demonstration and trial washing are available at our factory. Please experience cleaning effects.

▼ The contents of discription are subject to change without notice

Ver.1.2

NITTO SEIKO CO.,LTD.

Control Systems Division

URL <http://www.nittoseiko.co.jp/>

□ Head Office TEL +81-(0)773-43-1412 FAX +81-(0)773-43-1595
□ Thailand TEL +66-(0)2-902-2121 FAX +66-(0)2-902-0977

Contact information