



Micro Bubble Parts Washer (Simple type)

We can design the system
for your manufacturing line by combination
of Parts Washer,
Drying Device, and Liquid Separator.
Please feel free to inquiry us.

Micro Bubble Parts Washer (Built in-line type)

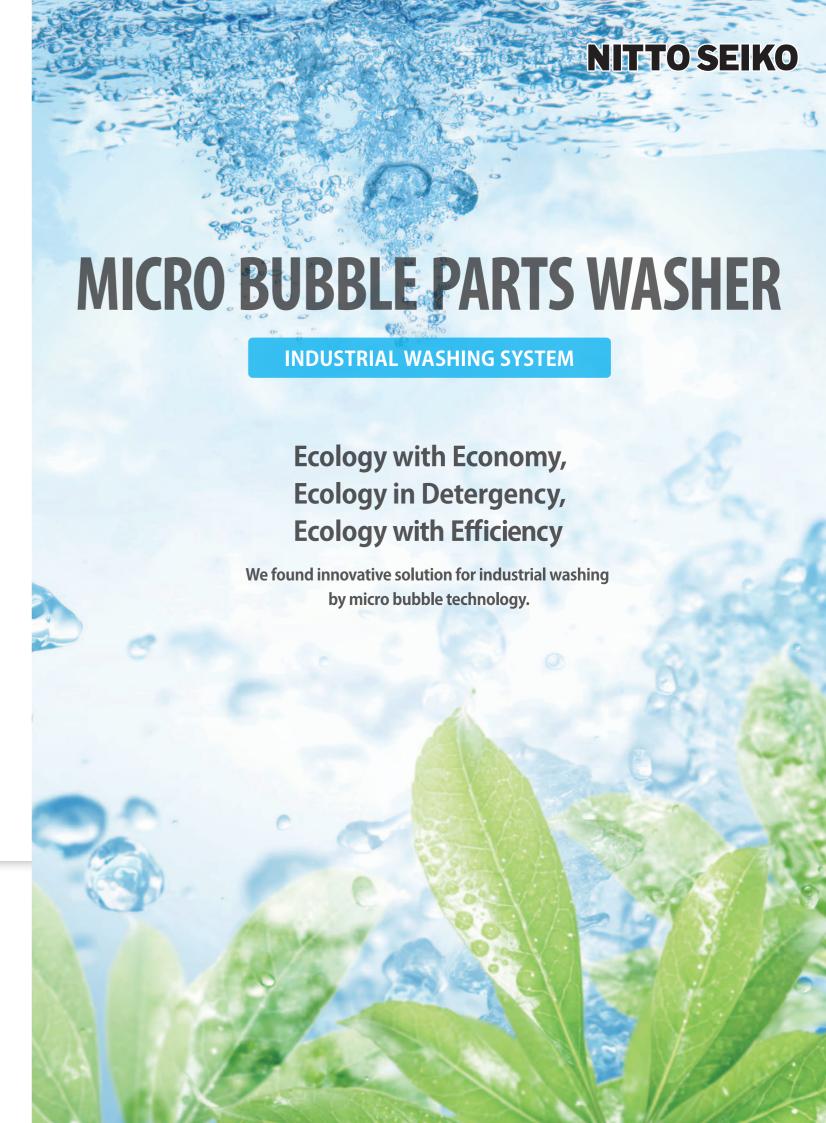
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Please inquiry to



Remove a stain firmly, reduce the environmental impact This is solution we found

We offer an ecological washing device which does not use chemicals such as Solvent, Acid, Alkali, and Surfactant but use Micro bubble raised from Water and Air.

Environmenta

Performance

It reduces the environmental impact due to washing by water and air only. Used water is recycled through simple liquid separator. It makes easy to proper disposal.

Cost

Performance

It does not wash by chemicals, but wash by tap water. It realizes excellent low running cost.

Washing

Performance

Jet stream effect and Hot water (up to 70°C) effect strengthen the Micro bubble detergency.

03

Drying

Performance

This is full-automatic operation from Washing to Drying.

Operational

Performance

Easy operation by touch panel Available for selecting the washing condition and drying condition easily

Feature of Micro Bubble Parts Washer

(Multi-function type)

Fundamental of micro bubble technology



micro bubble is adhered to



absorbs to the oil stain or small foreign body, and the



separate and clean up the



Application and effect

Use the Micro bubble washing after cutting process

Eliminate alkaline cleaning solution

After cutting process of metal parts, if you use the micro bubble parts washer before next process, you can eliminate alkaline cleaning solution, realize low running cost, and improve

Change the cleansing of aluminum processing oil from Hydrocarbon type cleaner to Micro bubble parts washer

Eliminate solvent

You can reduce the flammable and explosive risk. Working environment will be improved and worker's life will

Example



 Mechanical processed parts Spring / Washer

Precision parts
 Reusable carton / Container













Removal of dust or foreign body

Plastic / Rubber products / etc



Nitto Seiko's motto for environment

"All we make an effort to create an ecological company."

The manufacturing with care the environment is a company's social responsibility. We encourage "Less industrial waste", Recycle promotion", and "Paperless" in our company wide. Every division, "Fastener division", "Machinery division" and "Control system division" get certificate ISO14001. We continuously encourage improvement activity for the environment such as toxic substance elimination and energy/ resources save. We offer to the customer not only the support for productivity enhancement, but also supply the less environmental impact products and ecological manufacturing.