NANOCLEAN DI

Equipment for recycling demineralized rinse water for ultrasonic or spray cleaning processes.

INDUSTRIAL WATER TREATMENT

OPERATING PRINCIPLE

The demineralized rinse water from the washing line is continuously recirculated through the Nanoclean DI station. It passes through a buffer tank before being filtered through activated carbon to remove organic residues and then purified by resins to remove salts and maintain conductivity within the desired ranges.

An in-line UV disinfection system also helps limit microbiological contamination in the loop.

The treated water is continuously monitored via conductivity measurement. After draining the demineralized water tanks or to top off the water level to compensate for carryover and evaporation, the system can be refilled with municipal water; alternatively, a reverse osmosis unit can be integrated into the Nanoclean DI station to extend the service life of the resins.

INDUSTRIAL CONTROLLER

Programmable using probes and sensors to regulate all circuits.

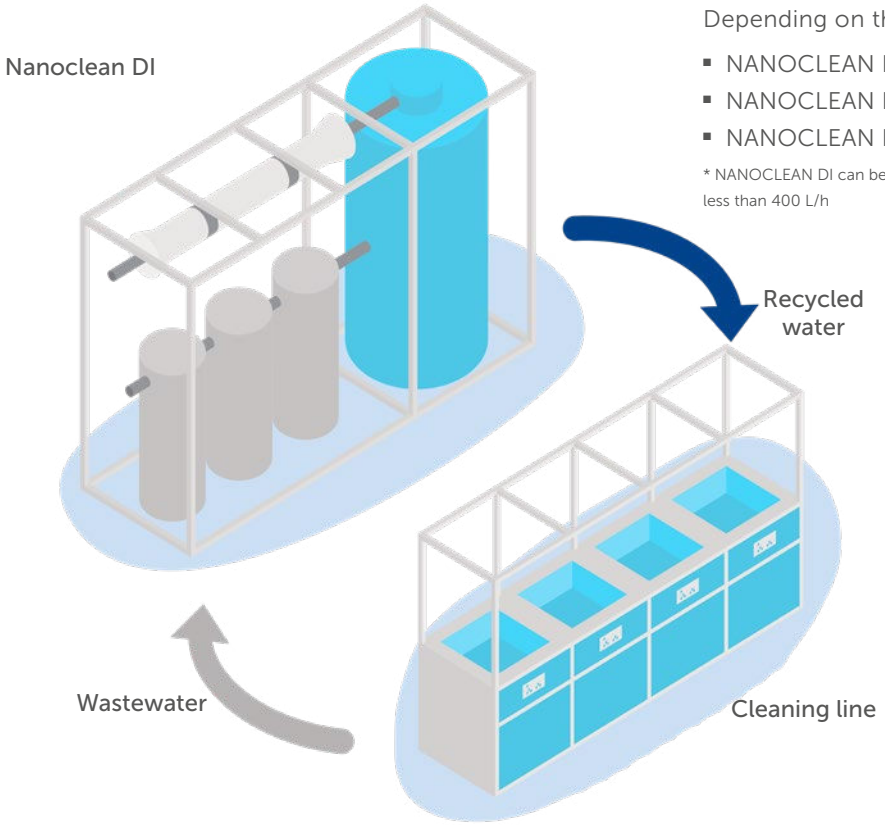
This type of automation also allows for remote control and easier operation via a touchscreen.

BENEFITS

- Reduction in demineralized water consumption and wastewater discharge.
- Consistent rinse quality, continuously monitored through conductivity measurement.
- Compact loop that can be integrated into new or existing Pluritank systems.
- Simplified maintenance.
- Designed in Switzerland

13/11/26

SYNOPTIC



THREE STANDARD MODELS*

Depending on the required rinse flow rate*:

- NANOCLEAN DI 400 : 400 L/h.
- NANOCLEAN DI 600 : 600 L/h
- NANOCLEAN DI 800 : 800 L/h

* NANOCLEAN DI can be configured for a flow rate greater than 800 L/h or less than 400 L/h

If you have any questions, please contact our NGL Water Technology department on: +41 22 365 46 66

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SWISS QUALITY