

MICROCLEAN SC S200

CLEANING SYSTEM



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SC S200 is a reliable and proven cleaning system for single parts in throughput. The system works on an environmentally friendly aqueous basis and is designed to be integrated into such production processes where the individual industrial parts produced need to fulfil significant requirements in technical cleanliness. The cleaning system has its own transport system which can be customized as well as integrated medium treatment facilities.

BENEFITS

- Can be integrated inline into the production process
- Closed medium system
- Environmentally friendly on water basis
- Integrated water treatment unit



Basic design/Base frame:

- Welded stainless steel frame
- Dimensions L x W x H 1300 x 1300 x 2200 mm
- Leakproof welded collecting pan
- Levelling feet or steering and braking wheels

SLE plate phase separator:

- Capacity 55 liters
- Removable flow breakers
- Adjustable skimmer
- 10 liters skimmer tank with integrated level control
- Mechanical level control
- Heat-insulated stainless steel casing

Process container:

- 150 liters, split working tank
- Mechanical level control
- Protected from running dry
- Analogue temperature regulation
- Suction filter for the cleaning cycle
- Stainless steel shut-off ball valve
- Heat-insulated stainless steel casing

Control technology:

- System-integrated control cabinet
- Siemens S7 control unit
- Operating panel Mobile Panel 177
- Profibus field bus system
- Automatic heat-up phase

Dive unit:

- Frequency-controlled asynchronous engine with intermediate gear
- Wire eye belt adapted to the part
- Lateral wire guiding adjustable to various diameters
- Collecting trays at the inlet and the outlet with return to the system

Drying section:

- 5 SLE blow nozzles
- Side channel blower drying
- Axial fan for exhaust
- Return of medium

Cleaning chamber/nozzle block:

- Capsulated stainless steel
- Cover equipped with quick-release fasteners
- Installation of air locks at the inlet and outlet
- Connection for exhaust/ventilation

Selective particle filtration:

- Perforated basket in the suction cycle of the cleaning pump
- Intake suction filter for the pump unit
- 2 stainless steel filter housings (20" filter cartridges)

Media circuit:

- Suitable for de-mineralized water up to pH 14 and a maximum temperature of 60°C
- Multistage centrifugal pump
- Frequency-controlled AC motor (pressure regulation)
- Maximum pump pressure 8 bar

Options:

- Cleaning additive dosing
- Water treatment
- Cooling circuit
- Condenser attachment

PERFECT SOLUTIONS
WITHOUT SOLUTIONS



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