STENCIL CLEANING

3750PSW

Fully pneumatic stencil washing machine

3-YEAR FACTORY WARRANTY

Solvent spray washing and compressed-air drying for stencils up to 750 × 750 × 40 mm, with no electricity in the machine: no fire risk.



750 × 750	3–10 min	3-stage	0 W
Max. stencil, mm	Washing time	Filtration down to 1 µm	Fully pneumatic

01 / OVERVIEW

Key features

Fully pneumatic
No electricity in the machine, so no fire or other electrical safety hazards.

Rotary spray nozzles
High-density isobaric double-side rotary nozzles: strong cleaning without damaging stencil tension.

Low liquid consumption
3-stage filtration and low exhaust duct design recycle the solvent.

One-button operation
Automatic addition and removal of the cleaning liquid; very simple operation.

Wide range of parts
Stencils, copper, wire and microporous meshes, wafer discs; also PCBs, fixtures and squeegees.

Stainless steel body
Wear and corrosion resistant; modular controller with quick-plug connections for easy service.

02 / TECHNICAL DATA

Machine specification

CLEANING

Model	3750PSW
Applicable stencil size	750 × 750 × 40 mm (L × W × H)
Washing method	360° rotating liquid spray washing, compressed-air drying
Washing time	3–10 min (solder paste)
Drying time	3–10 min
Max. tank capacity	42 L
Optimum liquid quantity	22–35 L

UTILITIES AND MACHINE

Air supply	0.4–0.7 MPa
Air consumption	350–500 L/min
Exhaust port	Ø100 × 30 mm (H), max. suction air speed 3 m/s
Machine weight	230 kg
Machine size (L × W × H)	945 × 650 × 1645 mm

03 / FILTRATION

3-stage filtration system

1st stage: 100 mesh	Filters impurities and labels. Cartridge replacement every 12 months.
2nd stage: 5 µm	Filters solder balls and rosin particles. Cartridge replacement every 1–2 months.
3rd stage: 1 µm	Filters solder paste and rosin particles. Cartridge replacement every 1–2 months.

04 / STRUCTURE AND FUNCTIONS

Operation and maintenance

- ✓ Air connection with filter regulator and pressure gauge on the machine.
- ✓ Control panel: air input and door status indicators, spray pressure gauge, washing and drying time controllers, start and stop buttons.
- ✓ High-density isobaric double-side rotary nozzles clean strongly without destroying stencil tension.
- ✓ Automatic filling and draining of the cleaning liquid for flexible production management.
- ✓ 3-stage filtration, low air vent and S-type air vent: the liquid circulates and very little is consumed.
- ✓ Replaceable modular pneumatic controller with quick-plug design: easy and convenient maintenance and service.

Configuration and quotation

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■ 3-YEAR FACTORY WARRANTY ON INTEON MACHINES