

TWA

Automated tray washing



Ophthalmics
Tray washing

insomec
Optical Technologies

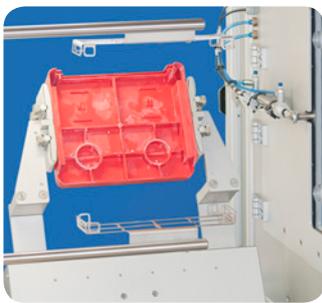
TWA

Job trays contaminated by polish can contribute to dirty and scratched lenses as well as conveyor belt issues. Insomec tray washing solution TWA, powered and manufactured, by Insomec, offers washing, cleaning and drying in one machine. The reliable tray washer comes with adjustable cleaning frequencies and various cleaning programs, ranging from maintenance to intensive cleaning. The tray flow remains uninterrupted.

To accommodate all kinds of different tray sizes, it is equipped with exchangeable grippers and an adjustable conveyor belt. The process starts with a pre-cleaning step, removing larger particles from the tray. Afterwards, a handling system transfers the job tray to the processing chamber, where it is soaked with detergent and water, followed by a subsequent high-pressure cleaning process. Oscillating movements allow for efficient cleaning of the entire surface. The specially developed cleaning detergent guarantees reliable and reproducible cleaning results. Integrated pre and fine filters prevent contamination of the cleaning fluid. The drying process completes the cleaning cycle. All in all, the TWA is the reliable solution for a long-term clean production.

Pre-cleaning

Removing larger particles of dirt.



Effective cleaning of all sides

A nozzle ring cleans the tray with water jets.



Before and after

Reliable cleaning of even heavily polluted trays.



Benefits

- Suitable for all surfacing and coating job trays
- Adjustable cleaning parameters
- Easy-to-remove dirt drawer
- Easy maintenance



technical data

PATENT PENDING.

Internacional aplicacion PCT.
PTC/ES 2018/070578

adjustable cleaning programs: maintenance cleaning intensive cleaning	~ 40 job trays/hour ~ 20 job trays/hour
power consumption	5 kVA avg.
air requirement	6 bar (87 psi)
water requirement	city water
water tank	one water tank with clear water and detergent TW 100
weight	650 kg (1433 lb.)
dimensions (width x depth x height)	1394 x 2680 x 1989 mm (55 x 106 x 79 inches)

All data subject to change without notice. Please verify details with Insomec.

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