Everest Agiclean 600-WRD Automated, 3 Stage, Ultrasonic Cleaning Machine



Stock No	EVT600
Manufacturer	Everest
Model	Agiclean 600-WRD
Year of Manufacture	2024
Condition	From a working environment, Excellent Condition, Current Model
Work Envelope (WxDxH mm)	Basket - 1400 ï¿½ 550 ï¿½ 400mm
Process Stages	Washing, rinsing and drying
Other Info	2 Mesh baskets with a protective polymer
Location	Toulouse, France
External Dimensions (WxDxH mm)	5,450 ï¿½ 3,300 ï¿½ 2,600mm

Description

Manufactured in 2024 and previously used in the aerospace industry, the Everest Agiclean 600-WRD is a fully automated, single chamber cleaning system designed to carry out washing, rinsing and drying operations within one controlled treatment chamber.

Parts are loaded into a basket which remains in the chamber throughout the complete cleaning cycle, eliminating the need for transfer or intermediate handling between stages.

The automated process delivers excellent repeatability, with each stage carried out to programmed parameters from one

cycle to the next, while reducing manual intervention and the potential for operator error. During washing and rinsing, pneumatic agitation moves the basket vertically up and down, promoting solution renewal around the parts to support effective cleaning.

Independent filtration systems are provided for each tank, filtering the cleaning and rinsing solutions before they enter the treatment chamber. This helps maintain bath cleanliness and supports the demanding cleaning requirements of precision components and aerospace applications.

A compact and highly automated solution, the AGICLEAN 600-WRD combines controlled ultrasonic cleaning, rinsing and drying in a single installation for consistent, repeatable results.

Cleaning Process

1. Pre-washing by spray
2. Ultrasonic immersion cleaning
3. Pre-rinsing by spray
4. Ultrasonic immersion rinsing
5. Hot air drying

Specifications

- Overall dimensions: 5,450 × 3,300 × 2,600 mm (adjustable foot height)
- Basket dimensions: 1,400 × 550 × 400 mm (2 mesh baskets with a protective polymer coating included)
- Maximum load capacity: 80 kg
- Treatment chamber capacity: 1.000 L
- Washing tank capacity: 1.300 L
- Rinsing tank capacity: 1.300 L
- Ultrasonic power: 4×1.500 W - Ultrasonic frequency: 40 kHz
- Pneumatic vertical basket agitation (up-and-down movement)
- Both tanks are equipped with 4×7.5 kW heating elements
- SIEMENS S7 PLC with touchscreen HMI
- Stainless steel construction: AISI 304, with AISI 316L ultrasonic transducers

Condition & Support

The machine is offered in very good overall condition and has been regularly and carefully maintained by MICROSEMI. Further reassurance is provided by the availability of ongoing support for the future buyer, with MICROSEMI able to assist with application assessment, preparation for relocation, recommissioning, operator training and ongoing technical support.

Photographs taken prior refurbishment. Our refurbishment service is not available on all machines.