

Kerry (Guyson International) Microsolve M350/2C Ultrasonic Solvent Cleaner with Autotrans Mk4 Handling



Stock No	DE1583J
Manufacturer	Kerry (Guyson International)
Model	Microsolve 350/2C with Ultrasonics & Autotrans Mk4
Year of Manufacture	2012
Serial	804262
Condition	From a working environment, Good Condition, Current Model
Work Envelope (WxDxH mm)	250 x 350 x 350mm
Process Stages	Immersion, Vapour Rinse & Dry
Other Info	Autotrans Mk4
Location	Our Central Warehouse, Aldridge, UK
Weight (kgs)	773
External Dimensions (WxDxH mm)	3400 x 1080 x 2620mm

Description

This pre-owned Kerry Microsolve Ultrasonic Solvent system has three stages: ultrasonic solvent cleaning, vapour rinsing and freeboard drying. The Microsolve has unique solvent retention features, economic benefits & effective use of HFE or HFC solvents.

In the first cleaning stage a mixture of HFE and a hydrocarbon solvating agent removes gross contamination from the

components.

Solvent retention features unique to the Microsolve range—triple coil reflux cooling, vapour break, 150% freeboard, ensure that systems are safe and comply fully with environmental and safety legislation. These design features also mean that Microsolve systems are able to operate with low, predictable solvent usage and customers enjoy low, predictable running costs. Large quantities of dirt and oils can be taken up by the solvating agent, making the process particularly suitable for heavy duty ultrasonic cleaning applications.

Typical applications include bearings, gyro components and precision medical components; maintenance cleaning of pneumatic and hydraulic components; and, in electronics, flux removal from PCBs or from soldering jigs and fixtures.

Autotrans MK4 30kg lifting capacity.

Automating the cleaning process reduces running costs on multi-stage systems by assuring consistent, repeatable quality, reducing reject rates, and increasing throughput. With Microsolve systems further cost reductions result from controlling the speed of basket entry and withdrawal from the vapour zone, thus reducing solvent drag-out and losses to the atmosphere caused by disturbance of the vapour blanket.

Programming Features of the Autotrans MK4

- Digital control system reduces wire complexity, ensures signal integrity and allows control functions to be modularised.
- Touch sensitive programming key board with LCD sixteen line programming function and prompt display.
- Program storage and security is provided by a smartcard.
- Password protection to prevent unauthorised program interference.
- Standard specification allows sixteen programmable I/O functions and sixteen flags. The flags can be used for basket position recognition and process timing.
- Full edit facilities including position, dwell times and function controls.
- Infinitely variable programmable motor speed control.
- True servo motors with built-in positional encoder ensures positional accuracy to +/- 1mm.
- Over travel protection and automatic datuming upon machine installation. RS 232 Interface.
- Intelligent basket processing allows simultaneous management of varying load types and application of appropriate processing parameters (immersion times, sonics program etc).

Key Benefits

- Ease of use
- Faster processing
- Higher throughput
- Increased flexibility of load content
- Reduced running costs
- Consistent operation
- Retrofit to existing systems

General Specifications

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Machine Datasheet



- Front to back including autotrans (WxDxH) - 3320mm x 1200mm x 2580mm
- Internal tank dimensions (WxDxH) - 200mm x 350mm x 330mm
- Basket dimensions (WxDxH) - 200mm x 300mm x 200mm
- Vapour depth - 430mm
- Freeboard height - 375mm
- Autotrans SWL - 30kg MAX

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



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