

## Ramco Migi Kleen immersion parts washer

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Stock No	<a href="#">DR979</a>
Manufacturer	<a href="#">Ramco</a>
Model	Migi Kleen MKD16CSS
Year of Manufacture	2006
Serial	JB1681-06
Work Envelope (WxDxH mm)	500 x 600 x 550mm each tank
Process Stages	2 Stage machine
Other Info	All stainless steel construction
Weight (kgs)	265kgs
External Dimensions (WxDxH mm)	1340 x 1100 x 1760mm

### Description

The Migi Kleen Series



Migi-Kleen is an immersion parts washer designed for the removal of oils, chips, surface contamination, swarf and dirt from a wide range of components. It accomplishes this using a simple and rugged pneumatically powered reciprocating platforms. The immersion chamber is engineered to adapt a variety of auxiliary items, as required by the application, to heighten the chemical and/or mechanical activity of the cleaning solution.

#### Typical Applications -

- \*Cleaning of machined components, castings and housings.
- \*Removal of buffing and lapping compounds.
- \*Cleaning prior to welding, deburring, brazing, or blasting.
- \*Precision cleaning prior to assembly or final packaging.
- \*General washing for maintenance, rework and/or remanufacturing.
- \*Carbon, rust, ink and paint removal.
- \*Passivation, phosphating, alodine.
- \*FPI - preclean, FPI process, and post clean. (Fluorescent Penetrant Inspection Process)
- \*Tube washing.

#### Easy to Operate

Migi-Kleen does the dirty work. It completely eliminates the need to clean parts by hand.

The operator loads contaminated parts or basket(s) of parts onto a sturdy transport elevator. With the simple flip of a switch, the elevator automatically lowers the work into the immersion chamber and reciprocates, up and down, up to 240 strokes per minute. Vigorous mechanical agitation swishes solution against all surfaces, in and around holes and recesses.

Stubborn contaminants are washed away with complete ease and without hand labor. The operator returns at his/her convenience, flips the switch and the transport elevator rises to the original loading position.

#### Ideal for Cellular Cleaning

Migi-Kleens take up a minimum of floor space and accommodate a wide assortment of component sizes and configurations. A broad spectrum of cleanliness levels can be satisfied from in process to final precision cleaning, the Migik-Kleen does it all.

#### MKD,

The two stage MKD (D=Double), are standard Migik-Kleens combined into multi stage consoles. They provide all the versatility and flexibility of single station MK units.

#### Construction

The construction is heavy gauge type 304 stainless steel with 12 gauge and 7 gauge tank walls. The elevators are also 7 gauge and double welded for added strength. A flange up solution drip lip is built around the upper lip of the console to minimise spillage onto exterior insulation walls. A rear hinged stainless steel cover is included with interior splash guard as well as a fume extraction lip duct fitted to the front edge.

#### Oscillation Package

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Each station has its own pneumatic package that includes speed control, dual stroke, air filter, regulator, lubricator and safety guard. The system is rugged and easy to maintain. It automatically lowers baskets (or individual parts) into and out of the processing zone. The elevator oscillates during the processing steps. The speed can be adjusted for vigorous agitation (up to 240 strokes per minute) or very gentle oscillation. Carrier platform dimensions 400 x 500mm each side.

Currently configured and supplied as an intrinsically safe unheated solvent washer

Optional extras

Sump heaters for conversion for use with hot wash aqueous solutions  
Fitted new ultrasonics to either stage.

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