

## Kerry ( Guyson International ) Kerry Compact 450 A Microclean Aqueous Cleaner

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Stock No	<a href="#">DR946</a>
Manufacturer	<a href="#">Kerry ( Guyson International )</a>
Model	CMP 450/4 A
Serial	KC55455/1
Work Envelope (WxDxH mm)	320 x 415 x 415mm
Process Stages	4 stage Wash / rinse / rinse / dry
Other Info	All stainless steel construction
Weight (kgs)	To follow
External Dimensions (WxDxH mm)	2000 x 1200 x 1200mm

### Description

This Guyson International multi stage Ultrasonics cleaning system offers a rapid and highly effective method of precision cleaning components to a very high standard. Manual cleaning or spray wash methods may struggle with blind holes, tube internals or difficult to reach crevices but these problems are easily dealt with when ultrasonics are employed.

Ultrasonic cleaning works by introducing ultrasonic energy into a tank containing the cleaning solution. This energy causes minute bubbles to form and collapse within the solution, this action being called cavitation. The cavitation leads to a very gentle but highly effective scrubbing action on the component surface that loosens the contaminant.

The multi stage aqueous cleaning system has, heated ultrasonic wash, twin cascade DI rinse and warm air dry which suits a wide range of cleaning needs in aerospace, precision, electronics, medical and other industries.

The Purite Ecopure exchange bottle resin closed loop high purity deionised water rinsing station provides organic and ionic cleanliness superior to MIL standard

Stages of the unit are as follows:

#### Stage 1

- Heated ultrasonic wash, with heating provided by thermostatically controlled heaters mounted on the tank sides.
- Base mounted ultrasonics
- Low level float switch
- The filtration circuit consisting of a coarse pot type pre filter, removable cartridge type fine filter

#### Stage 2 & Stage 3

- Contra flow DI water rinse tanks
- Includes digital conductivity meter enabling monitoring of the DI water quality
- The filtration circuit consisting of a coarse pot type pre filter, removable cartridge type fine filter

#### Stage 4

- Hot air condenser dryer
- Chamber tank fitted with sliding lid. Air is drawn from the base of the tank and is passed over heating elements before being recirculated back into the chamber.

Overall dimensions:

Wash unit 2000 x 1200 x 1200mm

Purite - 600 x 700 x 1250mm

Electrical supply:

415 volts

20 amps

50 Hz

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

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