

Kerry (Guyson International) CRD 450 Ultrasonic Washing System



Stock No	DF1630
Manufacturer	Kerry (Guyson International)
Model	CRD 450
Year of Manufacture	c.2015
Serial	804720
Condition	From a working environment, Excellent Condition
Work Envelope (WxDxH mm)	450 x 325 x 250mm
Process Stages	Ultrasonic wash, rinse and dry
Other Info	36.5 litres effective capacity
Location	Our Central Warehouse, Aldridge, UK
External Dimensions (WxDxH mm)	1425 x 1000 x 1025mm

Description

GUYSON PULSATRON CRD 450 Ultrasonic Clean Rinse & Dry System

Guyson's Kerry Pulsatron CRD 450 is a 3-stage system provides a heated ultrasonic cleaning station with, immersion rinse with weir to drain, hot air dry and pre draining station..

The CRD system

Stage 1

Ultrasonic transducers bonded to the tank base provide high performance and reliability together with uniform distribution of the ultrasonic energy. The frequency is tuned to the individual tank/transducer combination and then optimised under normal usage conditions with frequency sweep and fully automatic tuning to offer a gentle yet thorough cleaning.

The advantage of ultrasonic cleaning is that it offers a non abrasive scrubbing action upon the parts to be cleaned even within cavities and blind holes.

Stage 2

A simple rinse station to remove any residue of the wash chemistry leaving the part clean and safe to handle.

Stage 3

Recirculating hot air condensor dryer. The hot air dryer circulates air via a coarse filter and 4.5 kW heating element. Closing the hinged lid initiates the fan and heater operation up to the maximum adjustable temperature of 100°C.

CRD FEATURES

Sonics time may be set in the range 0.1 to 99.9 minutes in 0.1 min increments, or to constant when sonics may be switched on and off manually.

- Non-operation of sonics if solution temperature is more than 10°C above set temperature.
- Optional low-level protection to prevent heater burn out if solution level drops.
- Solution temperature may be set in the range 20°C to 80°C in 1°C increments.
- Controller automatically selects last-used settings at switch on.
- 4-keypad membrane control panel is easy to use.
- LEDs show the status of power, heater and sonics.
- Mounted operator platform

CRD450 TECHNICAL DATA

- Overall Machine Dimensions 1425 x 1000 x 1025mm.
- Effective tank dimensions 450x 325 x 250mm (internal) l x w x d.
- Effective capacity 36.5 litres.
- Electrical supply 16A per phase max 415V 3 ph + N&E.
- Framework and panels Fabricated in mild steel finished RAL 7037 mid grey and RAL 7035 light grey.
- Tanks AISI 316 stainless steel with a bead-blast finish.
- Top surround 304L stainless steel with a bead-blast finish.
- Valves and pipework Stainless steel.
- Generator type 'Pulsatron' x 2off (300W)
- Operating frequency 38 kHz +/- 10%
- Heating provided by 4 mat style heating mats at 480W each.

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

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