

# KS300 MK3



KS300 TECHNICAL DATA	
Overall - length (front to back)	410 mm
Overall - width (left to right)	655 mm
Overall - height	500 mm
Tank (internal) - length (front to back)	250 mm
Tank (internal) - width (left to right)	350 mm
Effective capacity (litres - min/max)	17.5/21.8
Basket (internal) - length (front to back)	180 mm
Basket (internal) - width (left to right)	290 mm
Liquid depth to base of tank (min/max)	200/250 mm
Working depth of fluid to fill line	210 mm
Generators (std models only)	1 x M300
Operating frequency	Between 34 kHz and 40 kHz
Heaters	2 x 480W
Notes: 1. Dual frequency generator control, where fitted, is external to the tank. 2. KS1500 and larger systems require 3-phase power supply	
Larger sizes are available to order. Please ask for details.	

## DUAL FREQUENCY OPTION

Generators with dual frequency controls, switchable between 40 kHz and 80 kHz, are also available if required.

The higher frequency allows sensitive or difficult parts - such as very fine precision components, intricately shaped parts or fine tubing - to be cleaned both safely and effectively. These can also provide variable power control, and will store a variety of cleaning programs in memory for automatic operation when required.

## KS MK3 FEATURES

- Simply touching the Select keypad toggles the LCD display through set time, set temperature, run time and run temperature.
- 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.



## GUYSON PULSATRON KS TANKS

Guyson's Kerry KS Mk3 systems have been designed to achieve optimum cleaning results using aqueous solutions.

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.

- Guyson Pulsatron M300 (300W) ultrasonic generators for powerful cleaning and long equipment life
- Robust construction with 316L polished stainless steel tank for durability
- Thermostatically controlled solution heating from 20°C to 80°C
- Digital panel for precise control and display of sonics time and solution temperature
- Option of generator control with dual frequency for special applications
- Standard KS systems operate normally between 34 kHz and 40 kHz
- Options include: lid, basket, raising stand, level sensor and pumped filtration



KS300 Mk3 - Ultrasonic Tank