

# KS3000 MK3



KS3000 Mk3 - Ultrasonic Tank

## KS3000 TECHNICAL DATA

Overall - length (front to back)	726 mm
Overall - width (left to right)	1050 mm
Overall - height	1010 mm
Tank (internal) - length (front to back)	550 mm
Tank (internal) - width (left to right)	750 mm
Effective capacity (litres - min/max)	165/185.63
Basket (internal) - length (front to back)	470 mm
Basket (internal) - width (left to right)	690 mm
Liquid depth to base of tank (min/max)	400/450 mm
Working depth of fluid to fill line	420 mm
Generators (std models only)	2 kW Internal Generator
Operating frequency	40, 80 or 132 kHz
Heaters	16 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 are also available with dual or multi frequency and can be switched between frequencies if required. Generally these S3 generators are external to the tank.

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.

- Internal DIN rail mounted HS3 ultrasonic generator (2 kW) for powerful cleaning and long equipment life
- Dedicated single frequency applications for 40, 80 or 132 kHz
- Option of generator control with dual or multi frequency if required
- 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
- Options include: lid, basket, raising stand, level sensor and pumped filtration

