

## KS450 TECHNICAL DATA

|   |                           |
|---|---------------------------|
| <b>Overall - length</b> (front to back)                                     | 465 mm                    |
| <b>Overall - width</b> (left to right)                                      | 755 mm                    |
| <b>Overall - height</b>   | 550 mm                    |
| <b>Tank (internal) - length</b> (front to back)                             | 325 mm                    |
| <b>Tank (internal) - width</b> (left to right)                              | 450 mm                    |
| <b>Effective capacity</b> (litres - min/max)                                | 36.5/43.8                 |
| <b>Basket (internal) - length</b> (front to back)                           | 250 mm                    |
| <b>Basket (internal) - width</b> (left to right)                            | 390 mm                    |
| <b>Liquid depth to base of tank</b> (min/max)                               | 250/300 mm                |
| <b>Working depth of fluid to fill line</b>                                  | 260 mm                    |
| <b>Generators</b> (std models only)   | 2 x M300                  |
| <b>Operating frequency</b>  | Between 34 kHz and 40 kHz |
| <b>Heaters</b>  | 4 x 480W                  |
| <b>Notes</b>  |                           |
| 1. Dual frequency generator control, where fitted, is external to the tank. |                           |
| 2. KS1500 and larger systems require 3-phase power supply                   |                           |
| <b>Larger sizes are available to order. Please ask for details.</b>         |                           |

### DUAL FREQUENCY OPTION

Generators with dual frequency controls, switchable between 36 kHz and 66 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.



FM 38758

ISO 9001:2000



### 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 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

## KS450 MK3

