

**PULSATRON KST - TECHNICAL DATA**

| TYPE                         | TRANSDUCERS   | DIMENSIONS (L-R x F-B x D) |
|------------------------------|---------------|----------------------------|
| <b>9 Block - 450 watts</b>   | 1 x 9 units   | 760 mm x 95 mm x 100 mm    |
|                              | 3 x 3 units   | 265 mm x 265 mm x 100 mm   |
| <b>12 Block - 600 watts</b>  | 2 x 6 units   | 520 mm x 190 mm x 100 mm   |
|                              | 4 x 3 units   | 340 mm x 265 mm x 100 mm   |
| <b>16 Block - 800 watts</b>  | 2 x 8 units   | 675 mm x 190 mm x 100 mm   |
|                              | 4 x 4 units   | 340 mm x 340 mm x 100 mm   |
| <b>18 Block - 900 watts</b>  | 2 x 9 units   | 760 mm x 190 mm x 100 mm   |
|                              | 3 x 6 units   | 505 mm x 265 mm x 100 mm   |
|                              | 4/5/4/5 units | 425 mm x 345 mm x 100 mm   |
| <b>24 Block - 1000 watts</b> | 2 x 12 units  | 1005 mm x 190 mm x 100 mm  |
|                              | 3 x 8 units   | 675 mm x 265 mm x 100 mm   |
|                              | 4 x 6 units   | 505 mm x 340 mm x 100 mm   |

**Notes**

Generator(s) must be placed a minimum of 1 metre from tank into which the KST Transducers are to be placed and should never be operated in a location where there is a risk of water penetrating the generator. The generator location must be chosen with care. It will need a stable location, free from risk of falling, tipping or being knocked over, with plenty of ventilation.

**Other sizes are available to order. Please ask for details.**



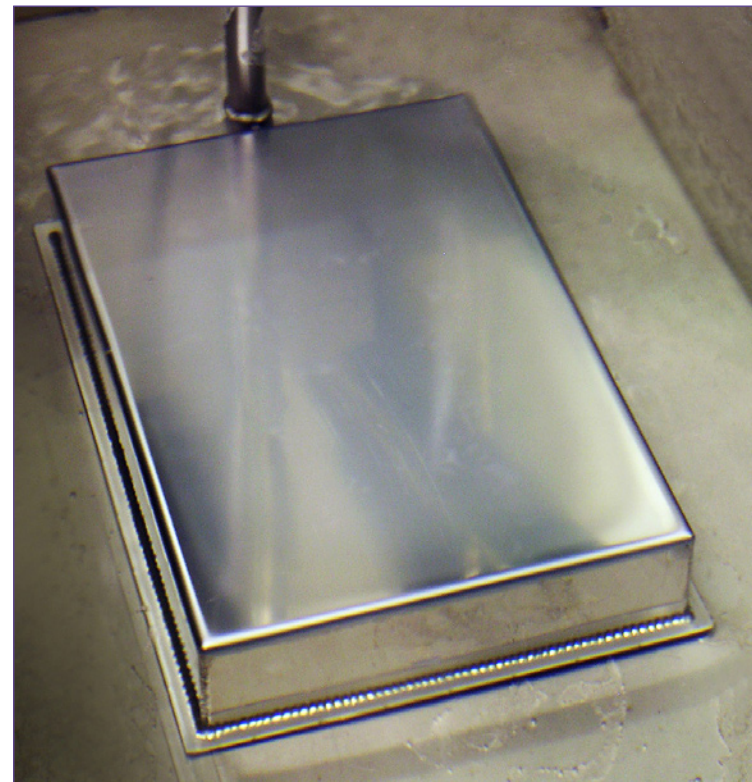
**PULSATRON KST SUBMERSIBLE TRANSDUCERS**

KST submersible transducers are designed for applications such as retrofit to existing cleaning tanks or incorporation into new machines on an OEM basis.

Standard configurations are available or we will be pleased to quote for your specific requirements.

- Bulkhead or side mountable depending on your application
- 316L stainless steel transducers with chrome radiating faces for durability and resistance to cavitation erosion
- Complete with high efficiency Guysonic ultrasonic generator for powerful cleaning and reliability

**PULSATRON KST**



**Guysonic Generator With Primewave Controller**

The new powerful Guysonic generator can deliver up to 1000 watts (1kW) of power per channel, up to 2kW per chassis. The chassis can be connected together to a maximum of 8 units delivering up to 16 kW. For larger ultrasonic tank systems this equates to fewer generators being required and real savings to be made. The new generator is also proven to deliver a very robust cavitation even with cooler tanks and non-degassed solutions.

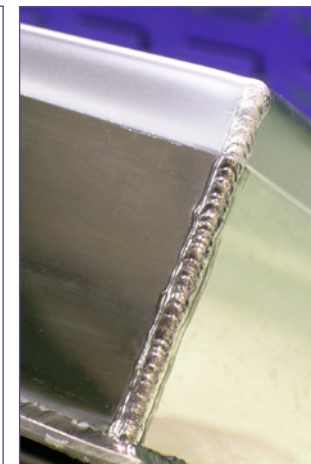
The Primewave controller provides 8 user-adjustable programmes for complete control of power, sweep, secondary modulation for more robust cavitation and also a choice of 2 frequencies, typically 36/66 kHz but available up to 200 kHz.

There are remote start options and various generator diagnostic signals are also available.



FM 38758

ISO 9001:2008



Modifications and improvements to Guyson machines are introduced from time to time as a direct result of our policy of continuous development. Consequently all designs and specifications quoted must be regarded as subject to change. Please refer to quotation.

Ref: KST 09/09

