

## 9. APPLICATION

The MASTERSONIC MMM - 4S ULTRASONIC GENERATOR is adjusted to operate with the LONG TUBE REACTOR M12-0208-095

### 9.1. Specification.

Model: Tubular transducer (S/N: M12-0208-095)  
 Total reactor-tube length: 1500 mm.  
 Active tube length: 1200 mm  
 Tube external diameter: 48.4mm  
 Tube internal diameter: 42.3mm  
 Material: 316L  
 Number of transducers: 24 pcs  
 Transducers: Silicone protected against water and humidity.  
 Frequency: 40 KHz  
 Power: 1200W – 1500W, continuous.



### 9.2. Test conditions.

MMM-sweeping generator, on 1200W until 1500 W  
 Temperature: 25jÆC  
 Aluminum foil: Placed inside disintegrated in 5 seconds.

### 9.3. Impedance Characteristic.

