



Mayura Analytical LLP

Specialists in Analytical Instrumentation

Ultrasonic Bath

*Mayura Analytical LLP is a leading organisation in analytical instrumentation that provides solutions to research institutions and industries to diagnose and resolve their analytical needs. Our pioneering products are made in India for the Indian market and beyond since our inception in 1984. We are widely acknowledged for our approach to chemical analysis and to customer troubleshooting. As recognised suppliers of analytical equipment to the **Indian Institute of Science (IISc), Bangalore and Indian Institute of Technology (All India)**, preeminent research and technology institutions of India as well as large industries such as **BIOCON**, we have cemented our standing in the market with our cutting edge expertise and solution focussed approach.*

Ultrasonic baths are used in a wide range of applications ranging from industrial applications to clean components, for reaction processes, stirring and mixing applications, in research, in hospitals for cleaning OT equipment etc. We are suppliers of custom built Ultrasonic Baths ranging from 3.5 litres to 500 litres. We work with our customers to understand their requirements to build the most applicable design. We have supplied large baths measuring 6 feet by 6 feet by 2 feet for cleaning membranes in BIOCON.

Specifications:

- Ultrasonic bath for tool cleaning with SMPS power supply
- Ultrasonic frequency - 33 KHz
- Micro controller based digital timer – Two digit LED display 0-99 minutes with user controlled ON/OFF keys
- Automatic frequency tuning for maximum output
- Digital temperature controller with three digit LED display
- Temperature range - ambient to 60°C
- Temperature resolution - 1°C
- Temperature accuracy - $\pm 0.5^\circ\text{C}$
- Transducers - Mounted at the bottom, PZT sandwich type with PZT4 crystal
- Built in heater - Mounted on the sides
- Tank materials - SS 304 grade
- Operating Voltage - 230V
- Tank Dimension – Built to requirement from 3.5 litres to 500 litres capacity with required dimensions



Please note: Chemlabs is a sister concern of Mayura Analytical LLP