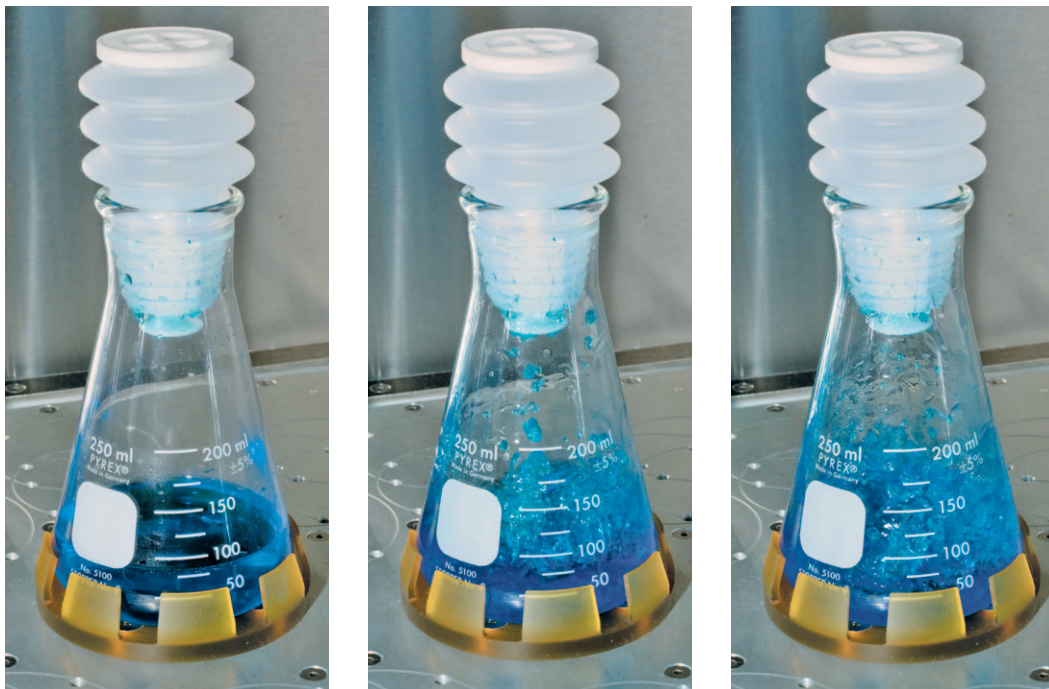


RAMbio[®] the high intensity mixer

The RAMbio[®] bench top biological mixer utilizes ResonantAcoustic[®] technology that applies low-frequency, high-intensity acoustic energy to agitate microbial cultures. The RAMbio[®] is a highly-efficient mixer/incubator that dramatically enhances oxygenation and bulk mixing for bacterial and fungal cultures. Combined with the patented Oxy-Pump[®] stopper, oxygen transfer rates up to 6-fold higher than orbital-shaken cultures can be achieved.

Features

- Increased oxygen transfer for aerobic cultures
- Rapid turnover of any desired gas
- Take advantage of richer media formulations
- 2-6 fold increase in plateau biomass levels
- Up to 10-fold increase in product expression
- Up to 6-fold increase in Oxygen Transfer Rate
- Up to 5 times shorter cultivation time
- Humidity control



Shake flask under the influence of ResonantAcoustics[®]



Specifications

Capacity	18 x 250 ml flasks or 14 x 500 ml flasks or 8 x 1000 ml flasks
Dimensions	102 x 57 x 70 cm (W/D/H) 40 x 27 x 23"
Temperature control	Ambient +5°C to 60°C
Weight	200 kg (440 lbs)
Humidity control	Ambient to 90% RH
Power	110/230 VAC, 50/60 Hz
Mixing power	3 - 20g acceleration (196 m/sec ²)