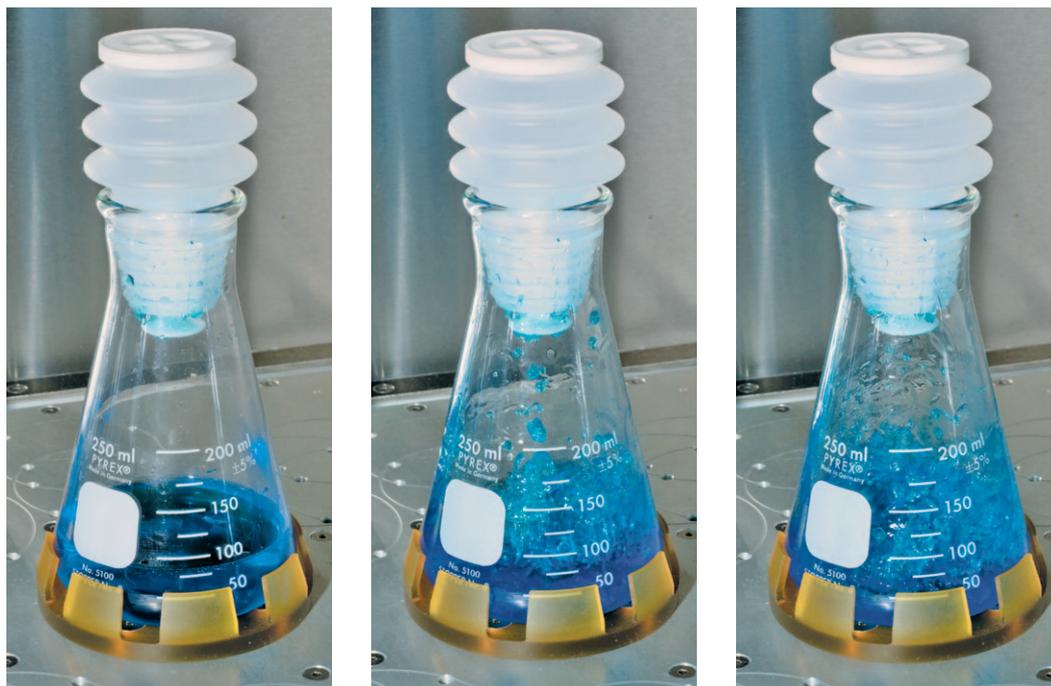


# RamBio, the high intensity mixer

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

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