



# DASEA Regenbio Mini Bioreactor

## ● INTRODUCTION

DASEA Regenbio Mini Bioreactor, designed for 3D suspension cell culture, is a reliable choice for R&D and PD scale process. The mini bioreactor improves flow field mixing performance and nutrient exchange through the suspension culture mode with ultra-low speed stirring, and is suitable for a variety of process scenarios such as suspension culture of adherent cells with microcarriers, and special cells in clumps and balls, virus infection research, cell expansion culture and fermentation.

## ● PRODUCT FEATURES

- User-friendly interface, easy operation.
- Constant speed / intermittent / customized control to meet different experiment and production needs.
- Independently controlled main machine and controller. Real time control of main machine operation outside the incubator. Independently operated stations.
- 0 to 120 RPM low speed design with 1 RPM high precision and smooth operation to effectively improve cell proliferation rate.
- Unique insulation/heat dissipation design, stable temperature control to meet the needs of cell culture.
- Smoothly controlled speed to avoid damages to cells by shear forces during start, stop, acceleration and deceleration.
- Vessels with various sizes of 125mL / 500mL etc, autoclavable and reusable.

## ● PARAMETERS

DESCRIPTION	PARAMETERS
Main Machine Dimension	390mm * 352mm * 104mm
Controller Dimension	200mm * 170mm * 115mm
Maximum Working Volume	500mL
Maximum QTY of Culture Vessel	4
Volume of Culture Vessel	125mL / 500mL
Design of Culture Vessel	Integrated impeller, vent cap, bottle with high quality glass, autoclavable and reusable
Power Supply Voltage	220-240 V, 50-60 HZ
Control Panel	4.3 Inch
Working Mode	Constant / Intermittent / Customized
Speed Control	0-120 RPM stepper adjustable
Speed Accuracy	1 RPM



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