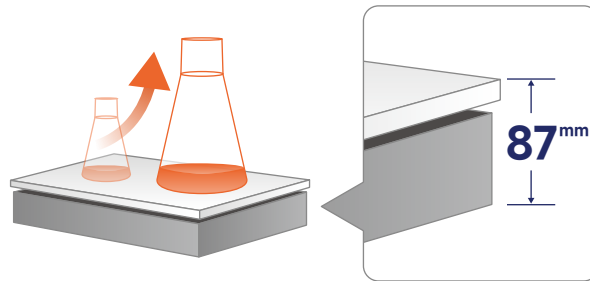


Product Features

SAVING SPACE ONLY 87 mm

Small size, the body height is only 87mm, saving space, suitable for use in CO₂ incubators.



Technical Details

Drive mode	Magnetic drive	Controller digital display	LED
Amplitude	12.5/25/50mm	Power-off memory function	standard
Speed range	20-350rpm	Maximum load	6kg
Maximum power	20W	Environmental temperature range	Temperature 4°C-60°C、humidity <99%RH
Timing function	0-999 hours (when set to 0, it is continuous operation)	Power supply	220-240V, 50/60Hz
Tray size (LxW)	365x350mm	Weight	17kg
Host dimensions (LxWxH)	365x355x87mm (sticky pad included)	The maximum load capacity of the conical flask	30x50ml;15x100ml;15x250ml;9x500ml; 6x1000ml;4x2000ml;3x3000ml;1x5000ml (The above is an "or" relationship)
Host material	304 stainless steel		
Controller dimensions (LxWxH)	160x80x30mm		

*All products are tested biologically in a controlled environment. Radobio does not guarantee the consistency of field test results under different conditions.

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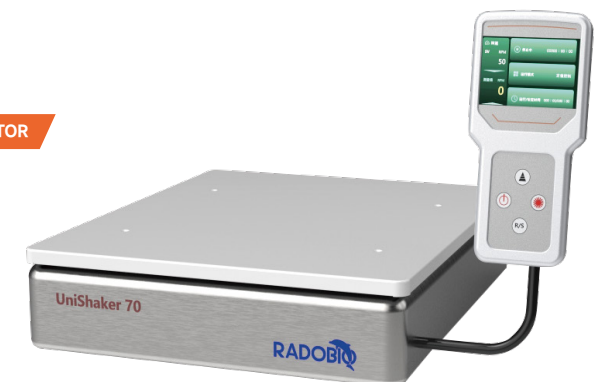


MAGNETIC DRIVE ORBITAL SHAKER

UNIS70

DESIGNED FOR CO₂ INCUBATOR

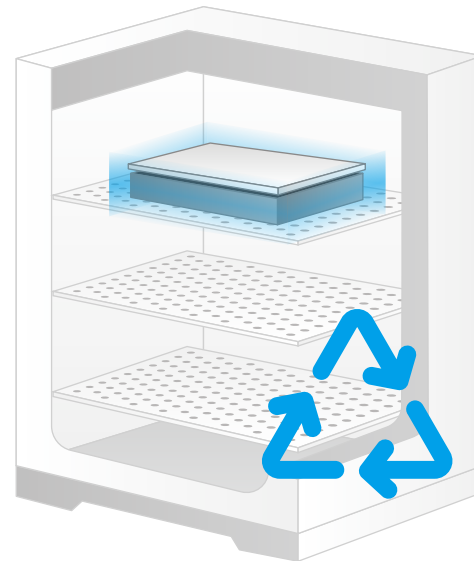
UNIS70 Magnetic Drive Orbital Shaker is a special horizontal shaker for carbon dioxide incubator. It adopts magnetic drive mode. It can work normally in the high temperature, high humidity and CO₂ acidic environment in the carbon dioxide incubator, and it can also be used as an ordinary horizontal shaker. The controller part adopts separate design and can be placed outside the incubator to control the shaker. When the host is working in the incubator, the host can be controlled without opening the door of the incubator to avoid pollution and air leakage from the box. The body of the shaker is slim, with a height of only 87mm, which saves the available space inside the incubator.



**LOW ENERGY CONSUMPTION, ONLY 20W
ENVIRONMENTAL PROTECTION**

MAGNETIC DRIVE

Magnetic drive eliminates the need for a drive belt. Smooth starting and braking technology, specially designed for cell culture, will not generate high liquid shear force to damage cells. The magnetic drive mode, the power is very small, and almost no heat enters the incubator, which ensures the temperature stability in the incubator and provides ideal culture conditions for cell culture.



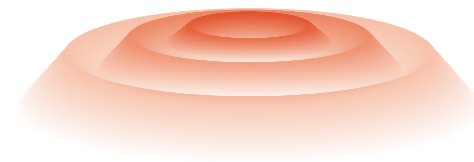
**REDUCE POLLUTION RISK
NO BELTS**

No belts are used, reducing the influence of background heat from belt friction on the incubation temperature and the risk of contamination from abrasive particles.



**VARIOUS AMPLITUDES OF
12.5/25/50 mm**

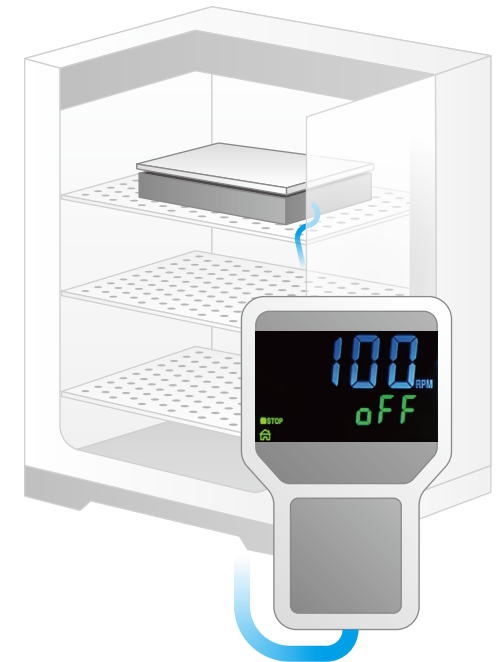
Radobio UNIS70 has multiple levels of amplitude for adjustment. Create more possibilities to meet different cell culture conditions.



EASY TO SET OPERATING PARAMETERS

**SEPARATE
CONTROLLER**

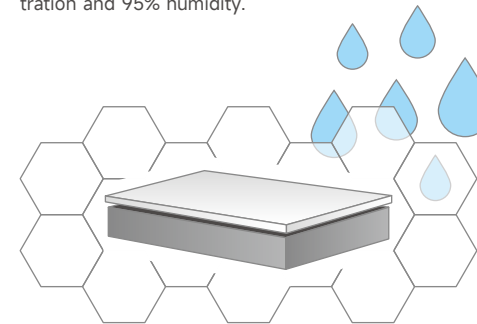
The separate controller is placed outside the chamber and connected with the shaker through cables. The cable can be connected to an external power supply through the test hole of the incubator or the sealing strip of the glass door, even if the incubator has no power interface. It can also be fixed on the outer wall of the chamber with magnets or hooks, or placed directly on the top of the chamber. The value of the separate controller is clear, and the setting parameters can be viewed without opening the incubator. Saves operating time and reduces heat loss and CO2 consumption due to opening and closing doors.



**WITHSTAND 37°C, 20% CO₂
CONCENTRATION, 95% HUMIDIT**

**RESISTANT TO WEAK
ACID ENVIRONMENT**

Specially treated mechanical parts can withstand environmental conditions of 37°C, 20% CO₂ concentration and 95% humidity.



**WIDER SPEED RANGE
20~350 rpm**

Wider speed range of 20~350rpm, suitable for most experimental needs.

