

# Shaking Incubator

For cell culture



# C5 / C5 Plus Shaking Incubator

The C5/C5 Plus Shaker is designed to optimize laboratory space efficiently, offering flexibility, user-friendly operation, and enhanced safety. Its modular structure and side-sliding door allow the incubator to be used either on or under the lab bench, as well as in a space-saving double-stacked configuration.

## Applications

All laboratory applications require the right shaking method and optimal incubation conditions to ensure reliable results.

- > Cell Culture
- > Insect cell cultivation requires gentle and consistent agitation.
- > Ideal for molecular biology applications, such as protein expression.
- > Precise temperature control with optional illumination functionality.

The C5 features an LED display and a membrane keypad, designed for easy operation even when wearing gloves.

The C5 Plus is equipped with a 7-inch TFT touchscreen and a three-level user access control system to meet information security requirements. It also includes a USB port for exporting data



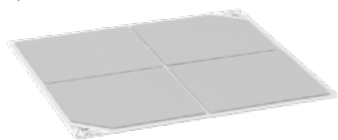
## Specifications

Model		C5	C5 Plus
Temperature	Range	RT+7°C -60°C (At RT25°C) RT-15°C - 60°C (At RT25°C)	RT+7°C -60°C (At RT25°C) RT-15°C - 60°C (At RT25°C)
	Accuracy	±0.1°C	±0.1°C
	Uniformity	±0.2°C (37°C / RT.25°C)	±0.2°C (37°C / RT.25°C)
	Timer   Program control	9-segment program control can be set Timer: 1min-99h59min	9-segment program control can be set Timer: 1min-99h59min
CO <sub>2</sub>	Range	0~20%	0~20%
	Resolution	0.10%	0.10%
	Accuracy	±1%FS	±1%FS
Shaking	Speed	20-400rpm	20-400rpm
	Control accuracy	± 1%FS	± 1%FS
	Shaking diameter	50mm, 25mm	50mm, 25mm
Humidity Control Ra		75%-85%	75%-85%
Chamber Volume		160L	160L
Platform (w x d )		450 x 450 mm	450 x 450 mm
Max Capacity		50ml x 64	50ml x 64
		100ml x 44	100ml x 44
		250ml x 25	250ml x 25
		500ml x 16	500ml x 16
		1000ml x 9	1000ml x 9
		2000ml x 6	2000ml x 6
		3000ml x 4	3000ml x 4
Dimensions (w x d x h)	1 deck	800 x 695 x 635mm	800 x 715 x 635mm
	2 decks	800 x 695 x 1270mm	800 x 715 x 1270mm
Weight per deck with/without cooling		Approx. 140kg/170kg	Approx. 140kg/170kg

## Accessories

### Sticky tray

Sticky Plate can be loaded with any kind of vessels with a smooth base. Even at a speed of up to 250 rpm the vessel sticks to the plate.



Order No.	Description
B0300002	Sticky tray, 450 x 450 mm
B0300004	Double tray with Sticky stuff, Layer spacing 165mm
B6100113	Sticky stuff, 200 x 200mm

### Universal tray

The Universal tray employ a drilled grid for individual loadings of test tube holders, microplate, and deep well plates.



Order No.	Description
B0300001	Universal tray, 450 x 450 mm



### Adjustable bar tray

Order No.	Description
B0300008	Tray with 8 fixing bars
B0300009	1 additional fixing bar for B0300008



### Multi-Purpose tray

Order No.	Description
B0300010	The multi-purpose tray is made of stainless steel and can be used for a diverse range of unusual specifications.

### Stainless steel erlenmeyer flask clamp

For fixing of shaken items, there is an extensive range of retaining clamp: Standard stainless steel clamps for flasks of 50 to 5000ml



Order No.	Description	Order No.	Description
B23550	50ml	B23555	2000ml
B23551	100ml	B31277	3000ml
B23552	250ml	B23558	4000ml
B23553	500ml	B31281	5000ml
B23554	1000ml		

### Stainless steel clamps for fernbach flask

Order No.	Description	Order No.	Description
B31283	1.8L	B31284	2.8L

### Test tube rack

A range of tube racks are available for various diameters and lengths.

For the best axial mixing at the optimum angle, the support rack can be tilted. By loosening both fixing screws, the rack can be simply detached from the holding frame connected to the shaker.



### Test tube rack for long type

Order No.	Description	Order No.	Description
B6101342	144 x Ø8mm	B6101352	64 x Ø14mm
B6101343	100 x Ø10mm	B6101354	36 x Ø16mm
B6101347	72 x Ø12mm		

### Rack for plastic test tube

Order No.	Description
B6101362	16x Ø30mm (50 mL centrifuge tubes)