

BIOSTREAM

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) |
| | Accuracy | ±0.1°C |
| | Uniformity | ±0.2°C (37°C / RT.25°C) |
| | Timer Program control | 9-segment program control can be set Timer: 1min-99h59min |
| CO ₂ | Range | 0~20% |
| | Resolution | 0.10% |
| | Accuracy | ±1%FS |
| Shaking | Speed | 20-400rpm |
| | Control accuracy | ±1%FS |
| | Shaking diameter | 50mm, 25mm |
| Humidity Control Ra | | 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 |
| Dimensions (w x d x h) | 2000ml x 6 | 2000ml x 6 |
| | 3000ml x 4 | 3000ml x 4 |
| | 1 deck | 800 x 695 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 |
| B610113 | 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) |