



## FLOOR STANDING SHAKING INCUBATOR BSFT-105

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Integrated microprocessor system provides a constructive environment for growth of micro organisms. Its unique balance weighting system supports load flexibility. It is also equipped with independent alarms, wide observation window and safety door switch for smooth operation.

Used in Cell Cultures, Cell Aeration, Microbiology, Increasing Solubility Rates, Metabolism Studies, Bacterial Cultures, Bacteriology.

Also known as Laboratory Incubator Shaker, Incubator Shaker.

## BSFT-105 FLOOR STANDING SHAKING INCUBATOR



Large LCD screen

R134a refrigerant, imported compressor and fan motor

Big observation windows

304 Stainless steel chamber and platform, easy to clean

There is a 25mm instruction connection hole on the left side of the chamber for easy testing

operation and temperature measurement

The parameters can be automatically stored in case of power failure, and it will continue run as presetting program after turn on

Microprocessor PID controller for temperature and shaking speed with timing function

Safety door switch, auto pause operation when door is opened

Smooth start and stop system prevents liquid spillage

Auto-controller of fan speed to prevent damage to the samples

Self-diagnosis function, it will display error when failure

Optional: Temperature-limiting alarm system, auto switch off when over-temperature, RS485 connector or USB interface can connect computer record and inspect the parameters and the variations of temperature, Intelligent programmable temperature controller

## SPECIFICATIONS

| Model                           | BSFT-105   |
|---------------------------------|--|
| Speed Range                     | 40-300 rpm   |
| Maximum Configuration           | 37x50 ml, 22x100 ml, 14x250 ml, 10x500 ml, 6x1000 ml |
| Temperature                     | 4-65°C   |
| Temperature Accuracy            | ±0.1°C   |
| Temperature Uniformity          | 0.1°C  |
| Temperature Fluctuation         | ±0.5°C   |
| Temperature Resolution          | 0.1°C  |
| Permissible Ambient Temperature | 5-40°C   |
| Shaking Speed Accuracy          | ±1 rpm   |
| Speed Increment                 | 20 rpm   |
| Shaking Orbit                   | 20 mm  |
| Timing Range                    | 0~5999 min   |
| Motion                          | Orbital  |
| Platform Dimension              | 400x340 mm   |
| Inner Dimension                 | 590X660X900 mm                                       |
| Overall Dimension               | 635X714X1055 mm                                      |

|              |            |
|--------------|------------|
| Weight       | 121/138 kg |
| Power        | 1150 W     |
| Power Supply | 220V 50Hz  |



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