



# Orbital Shaker

LIFE SCIENCE

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**– Life Science –**

# CarnisOS-100/CarnisOS-200 Orbital Shaker

## Features

The CarnisOS-100 and CarnisOS-200 Orbital Shaker are powerful variable speed shaker which provides efficient orbital motion. Speed and time are under microprocessor control. The CarnisOS-200/CarnisOS-100 shaker can be applicable in different labs: microbiology, chemistry, immunology, biochemistry and molecular biology



PP-1



PP06-250



PP12-100



UP-1



MP-1

**01**  
**Platforms for**  
**CarnisOS-100 / CarnisOS-200**

## Specification

Model	CarnisOS-100	CarnisOS-200
Shaking Speed	50--300rpm	50--250rpm
Orbit	10mm	20mm
Timer range	1min~99h59min	1min~99h59min
Load capacity	See below table	See below table
Max. capacity	3.0kg	2.5kg
Motor	DC brushless	DC brushless
Operating ambient	4-45°C	4-45°C
Dimensions (mm)	280 x 270 x 110 mm	280 x 270 x 110 mm

## Ordering information

No.	Code	Description
01	AS-04030-00	CarnisOS-100, AC220-240V, 60HZ, 2A
02	AS-04020-00	CarnisOS-200, AC220-240V, 60HZ, 2A
03	AS-04021-01	PP-1, flat platform with non-slip rubber mat
04	AS-04021-02	PP12-100, platform with clamps for flasks, 100-150ml
05	AS-04021-03	PP06-250, platform with clamps for flasks, 250-300ml
06	AS-04021-04	UP-1, universal platform with adjustable bars for different types of flasks, bottles
07	AS-04021-05	MP-1, platform with springs

# CarnisOS-300 Orbital Shaker



## Description

CarnisOS-300 Orbital Shaker holds a multi-function shaking system. And the intensive multi-function shaking system surpasses all previous levels of experience! You can set the shaking modes in maximum nine ways of Forward / Backward / Pause / Mix & match upon your various laboratory purposes

## Features

1. Professional control electronics and programmable control
  - Microprocessor PID controls, programmable control
  - Self-diagnostic function identifies any errors
2. Brushless DC motor applications for smooth shaking
3. Multi-function Shaking System
  - Run time
  - Forward & Backward, Pause

## Specification

Model	CarnisOS-300
Shaking speed	50-250rpm
Orbit	10, 15, 20mm available (15mm as factory default)
Program function	Programmable, 9 steps, 9 programs
Load capacity	8kg
Timing Range	1min-99h59min
Load capacity of platform	See below table
Base platform size (mm)	270 × 240 mm
Dimensions (mm)	320 × 350 × 145 mm
Weight	17.5kg
Erlenmeyer flask capacity	See below table

## Ordering information

No.	Code	Description
01	AS-04050-00	CarnisOS-300, AC220-240V, 60Hz, 2A
02	AS-04051-01	Flask Clamps SH100 for 50~100ml
03	AS-04051-02	Flask Clamps SH250 for 200~250ml
04	AS-04051-03	Flask Clamps SH500 for 500ml
05	AS-04051-04	Flask Clamps SH1000 for 1000ml
06	AS-04051-05	S-PP-1 Platform w320 x d290mm
07	AS-04051-06	S-PP-2 Platform w300 x d270mm
08	AS-04051-07	S-UP-1 Platform w340 x d280 x h175m
09	AS-04051-08	S-UP-2 Platform w340 x d280 x h175mm