Shaking Incubators

Premium Horizontal Stackable

SOC-189SR/189LR/189FSR

Antech unique technology on the motor driving and tray balance controlled by the PID microprocessor enable the shaking more smooth, stable and safe.

Scope of application: Cell culture/Extraction experiment

Sample mixing/Hybridization experiment/Solubility test

Plasmid purification/Bacterial suspension preparation/Elution process

Features

- This shaker is horizontal stackable for 3 units.
- Pull out shaking tray is suitable to load large flask to 50ml to 2000ml
- 7 inches LCD touch screen shows the set parameters and realtime operation parameters.
- USB enable user to download data
- The visible and audibale alarm reminds the shaking condition safely.
- Shaking tray is with auto blance system makes the operating more smooth.
- The transparent glass window and built-in lighting make it easy to observe the samples at any time.
- The unique single-axis balanced drive technology and high-quality inverter motor creat low vibration and low noise,.
- Power-off recovery function eanables the shaker automatically restart operation according to the original set program after power resupply
- Stainless steel #304 mirror with round corners

General Control

P.I.D microprocessor with LCD display shows the logical menus and actual parameters.
Prorgameble shaking operation and timer enable user to make personalized program..

Shaking Control

Shaking mode: Orbital or Rreciprocal, Shaking Speed range: 30 to 300 rpm. Stroke : 25mm/50mm. Timer range:
0 to 999 hours 59 minutes.
Shaking speed accuracy is ±1RPM.
Audible/Visible alarm for shaking speed deviation.
Automatic shaking balance adjustment in case of unbalanced load placement and reduce the vibrations .
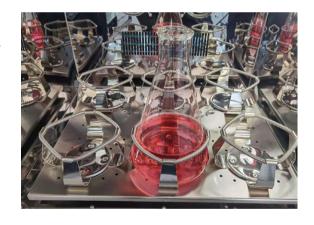
Temperature Control

Heating type is ambinet +5°C to 60 °C . Cooling type is +4°C to 60°C .
Microprocessor PID auto-tuning the cooling and heating .
Temperature adjustment is 0.1°C.
Audible and visible alarm for high and low temperature.

Accessories

UV germicidal light keeps the chamber contamination free.
LED light for users easy to observe shaking condition

Flask Capacity

Flask Capacity	50ml	100ml	250ml	500ml	750ml	1000ml	2000ml	3000ml	5000ml
SOC-189 Series	54	54	40	28	15	15	12	—	—

Specification

Product model	SOC-189SR	SOC-189LR	SOC-189FSR
Chamber volume	189L	189L	189L
Shaking mode	Orbital	Orbital	Reciprocal
Shaking Speed	30-300RPM	30-300RPM	30-300RPM
Stoke	25mm	50mm	25mm
Temperature Range	4~60℃,Heated and Refrigerated		
Tray size (W*D)	800*500mm		
Control	P. I. D Microprocessor		
Control mode	Fixed value or program (upto 8 segment)		
Display	7" LCD Touch screen		
Air Convection	Forced Air		
Ambient temperature	10-35℃		
Temperature Accuracy	0.1℃		
Temperature uniformity	≤± 1℃ (at 37℃)		
Stroke Accuracy	±1RPM		
Timer	0-999hour 59 minutes		
Tray Quantity	1		
Net weight	180KGs		
Interior size	920×550×395mm		
Exterior size	1410*785*1280mm		
Accessory	LED light/UV lamp		
Power	1200W		
Voltage	AC 200~240V 50H or AC 200~240V 60Hz		
Interior material	High-quality 304 stainless steel Mirror type		
Exterior material	High-quality cold rolled steel with electrostatic powder spraying		
Safety	"Audible and visible: High/low temperature, high/low shaking speed Electrical overload protection, Electrical leakge protection,Compressor overload protection"		

Order information

FT001	T clamp,S/S,with spring retainer for 50mL flask	FT007	T clamp,S/S,with spring retainer for 750ml flask
FT002	T clamp,S/S,with spring retainer for 100mL flask	FT008	T clamp,S/S,with spring retainer for 1000ml flask
FT003	T clamp,S/S,with spring retainer for 150ml flask	FT009	T clamp,S/S,with spring retainer for2000ml flask
FT004	T clamp,S/S,with spring retainer for 250ml flask	FT010	T clamp,S/S,with spring retainer for 3000ml flask
FT005	T clamp,S/S,with spring retainer for 300ml flask	FT011	T clamp,S/S,with spring retainer for 5000ml flask
FT006	T clamp,S/S,with spring retainer for 500ml flask		

Shaking Incubators

Stackable
SOC-265S/265L/265SF/265SR/265LR/265SFR

Antech unique technology on the motor driving and tray balance controlled by the PID microprocessor enable the shaking more smooth, stable and safe.
Scope of application: Cell culture/Extraction experiment
Sample mixing/Hybridization experiment/Solubility test
Plasmid purification/Bacterial suspension preparation/Elution process

Features

- The shaker is stackable, it can be placed on the tabletop, two shakers can be stacked.
- Suitable to load large flask upto 2000ml.
- LCD digital display shows the set parameters and realtime operation parameters.
- The visible and audibale alarm reminds the shaking condition safely.
- Shaking tray is with auto blance system makes the operating more smooth.
- The transparent glass window and built-in lighting make it easy to observe the samples at any time.
- The unique single-axis balanced drive technology and high-quality inverter motor creat low vibration and low noise.
- Power-off recovery function eanables the shaker automatically restart operation according to the original set program after power resupply.
- Stainless steel #304 mirror with round corners is easy for cleaning.

General Control

P.I.D microprocessor with LCD display shows the logical menus and actual parameters.
Prorgameble shaking operation and timer enable user to make personalized program.

Shaking Control

Shaking mode: Orbital or reciprocal, Shaking Speed range: 30 to 300 rpm. Stroke : 25mm/0~50mm.
Timer range: 0 to 999 hours 59 minutes.
Shaking speed accuracy is ±1RPM.
Audible/Visible alarm for shaking speed deviation.
Automatic shaking balance adjustment in case of unbalanced load placement and reduce the vibrations .

Temperature Control

Ambinet. +5℃ to 60 ℃ (forSOC-265S/265L/265SF)
Min. +4) to 60℃ (for SOC-265SR/265LR/265SFR)
Microprocessor PID control and auto-tuning.
Temperature adjustment is 0.1℃ ,
Audible and visible alarm for high and low temperature

Accessories

UV germicidal light keeps the chamber contamination free.
LED light for users easy to observe shaking condition

Flask Capacity

Flask Capacity	250ml	500ml	750ml	1000ml	2000ml	3000ml	5000ml
SOC-265 Series	60	40	24	24	15	—	—

Specification

Product model	SOC-265S	SOC-265L	SOC-265SF	SOC-265SR	SOC-265LR	SOC-265SFR
Chamber volume	265L	265L	265L	265L	265L	265L
Shaking mode	Orbital	Orbital	Reciprocal	Orbital	Orbital	Reciprocal
Stoke	25mm	50mm	25mm	25mm	50mm	25mm
Temperature Range	+5℃~60℃ Heated			4~60℃ Heated and Refrigerated		
Tray size (W*D)	498*460mm					
Control	P. I. D Microprocessor					
Control mode	Fixed value or program (upto 8 segment)					
Display	LCD display					
Air Convection	Forced Air					
Ambient temperature	10-35℃					
Temperature Accuracy	0.1℃					
Temperature uniformity	≤± 1℃(at 37℃)					
Shaking Speed	30-300RPM					
Stroke Accuracy	±1RPM					
Timer	0-999hour 59 minutes					
Tray Quantity	1	1	1	1	1	1
Net weight	180KGs	180KGs	180KGs	220KGs	220KGs	220KGs
Interior size	1120*595*398mm					
Exterior size	1150*780*630mm					
Accessory	LED light/UV lamp					
Power	980W			1200W		
Voltage	AC 200~240V 50H or AC 200~240V 60Hz					
Interior material	High-quality 304 stainless steel Mirror type					
Exterior material	High-quality cold rolled steel with electrostatic powder spraying					
Safety	"Audible and visible: High/low temperature, high/low shaking speed Electrical overload protection, Electrical leakge protection,Compressor overload protection"					

Order information

FT001	T clamp,S/S,with spring retainer for 50mL flask	FT007	T clamp,S/S,with spring retainer for 750ml flask
FT002	T clamp,S/S,with spring retainer for 100mL flask	FT008	T clamp,S/S,with spring retainer for 1000ml flask
FT003	T clamp,S/S,with spring retainer for 150ml flask	FT009	T clamp,S/S,with spring retainer for2000ml flask
FT004	T clamp,S/S,with spring retainer for 250ml flask	FT010	T clamp,S/S,with spring retainer for 3000ml flask
FT005	T clamp,S/S,with spring retainer for 300ml flask	FT011	T clamp,S/S,with spring retainer for 5000ml flask
FT006	T clamp,S/S,with spring retainer for 500ml flask		