

Shaker

Program type

Program operation and maximum sample loading

Structural Functional Features

- Standard 350rpm, Maximum 500rpm. (option)
- Application of DD motor & triple cam system stable shaking ability. (Patent registration no. 10-1678160)
- Provides the widest platform size model.
- Up to fifty-one 250ml flasks can be mounted at once.
- Dual platform mountable. (SKC-7000) (only flasks less than 250ml can be mounted on the bottom part)
- Provided Maximum 50.8mm shaking radius model.
- Convenient platform detachment system.
- Stable shaking with low center of gravity structure.
- Corrosion-resistant outer surface with powder coating and PP material.
- Structure prevents the sample from flowing into the inside.
- Model awarded Good Design certification

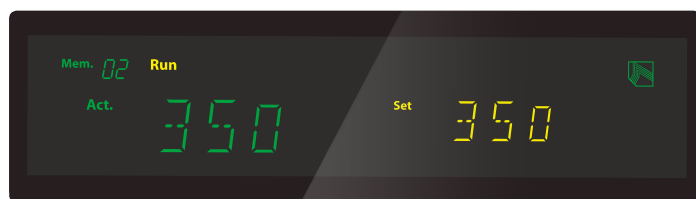
Use Convenience Features

- Accurate shaking with PID feedback control.
- Provides Quick, Timer, and Program modes.
- Wait On/Off timer. (up to 99 hours 59 minutes)
- More reliable shaking simulation by clockwise / counterclockwise rotation.
- Stable control system even at low-speed agitation.
- Soft start and stop shaking function.
- Easy to use with fast acceleration/deceleration function.
- Possible to stop the equipment at the same position.
- Automatic rpm adjustment in case of instability.
- Equipment stoppage and alarm in case of abnormal shock.



SKC-6000 Series

with Universal Platform, Flask Clamp, Test Tube Rack (option)



- Displays sets rpm and actual rpm simultaneously.
- Provides all information on equipment operation.
- Convenient operation with shaking start/stop button.
- Convenient operation by changing rpm with control knob.
- Clear display. (clear VFD)

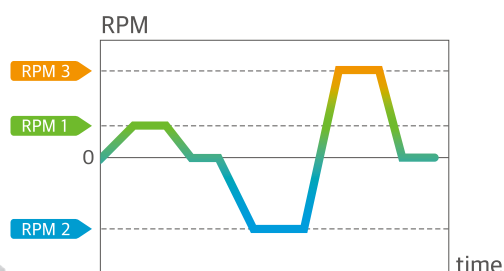


Outstanding Safety

- Alarm occurs when the current rpm differs from the set rpm.
- Over-current protection.

Differentiated Program Operation

- 20 patterns can be saved.
- 20 segments can be set per pattern.
- Time, rpm, and orbital direction can be set for each segment.
- Includes up to 99 repeat operations.



SKC-7000 Series

with Universal Platform, Flask Clamp (option)

Specification

Model	SKC-6075	SKC-6100	SKC-6200	SKC-7075	SKC-7100	SKC-7200
Shaking system						
Motion type	Orbital	Orbital	Orbital	Orbital	Orbital	Orbital
Speed range (rpm) ¹⁾	30 to 500	30 to 500	30 to 500	30 to 500	30 to 500	30 to 500
Max. speed per permissible load ²⁾	350rpm (max. 13kg) 310rpm (max. 28kg)	340rpm (max. 13kg) 260rpm (max. 28 kg)	250rpm (max. 13 kg) 200rpm (max. 28 kg)	350rpm (max. 13kg) 310rpm (max. 28kg)	340rpm (max. 13 kg) 260rpm (max. 28 kg)	250rpm (max. 13 kg) 200rpm (max. 28 kg)
Amplitude size (mm / inch, dia)	19 / 0.75	25 / 1	50 / 2	19 / 0.75	25 / 1	50 / 2
Speed stability ³⁾ (rpm, %)	1	1	1	1	1	1
Timer (wait on/off)	99hr 59min	99hr 59min	99hr 59min	99hr 59min	99hr 59min	99hr 59min
Dimension						
Platform (Small, W x D, mm / inch)	580 x 520 / 22.8 x 20.5			755 x 520 / 29.7 x 20.5		
Platform (Large, W x D, mm / inch)	660 x 520 / 26 x 20.5			885 x 520 / 34.8 x 20.5		
Exterior (W x D x H, mm / inch)	582.8 x 618 x 122.2 / 22.9 x 24.3 x 4.8			754.8 x 662 x 122.2 / 29.7 x 26.1 x 4.8		
Net weight (kg / lbs)	65 / 143.3	65 / 143.3	65 / 143.3	75 / 165.4	75 / 165.4	75 / 165.4
Electric requirements (230V, 50 / 60Hz, A)						
Cat. No.	AAH30105K	AAH30115K	AAH30125K	AAH30205K	AAH30215K	AAH30225K
Electric requirements (120V, 60Hz, A)	0.8	0.8	0.8	0.8	0.8	0.8
Cat. No.	AAH30106U	AAH30116U	AAH30126U	AAH30206U	AAH30216U	AAH30226U

1) 350 to 500rpm applies when separately purchased options are mounted.

2) The maximum controllable rpm by weight in Orbital Shaking mode. Maximum rpm that can be controlled according to increase in Orbital Shaking mode

3) Actual rpm allowable error for set rpm (1rpm if setting is less than 100rpm, $\pm 1\%$ if setting is higher than 100rpm)

Accessories Page 122

Universal Platform, Spring Wire Rack, Rubber Mat, Universal Attachment, Lab Sticker, Flask Clamp, Funnel Clamp, Test Tube Rack, Microplate Holder