

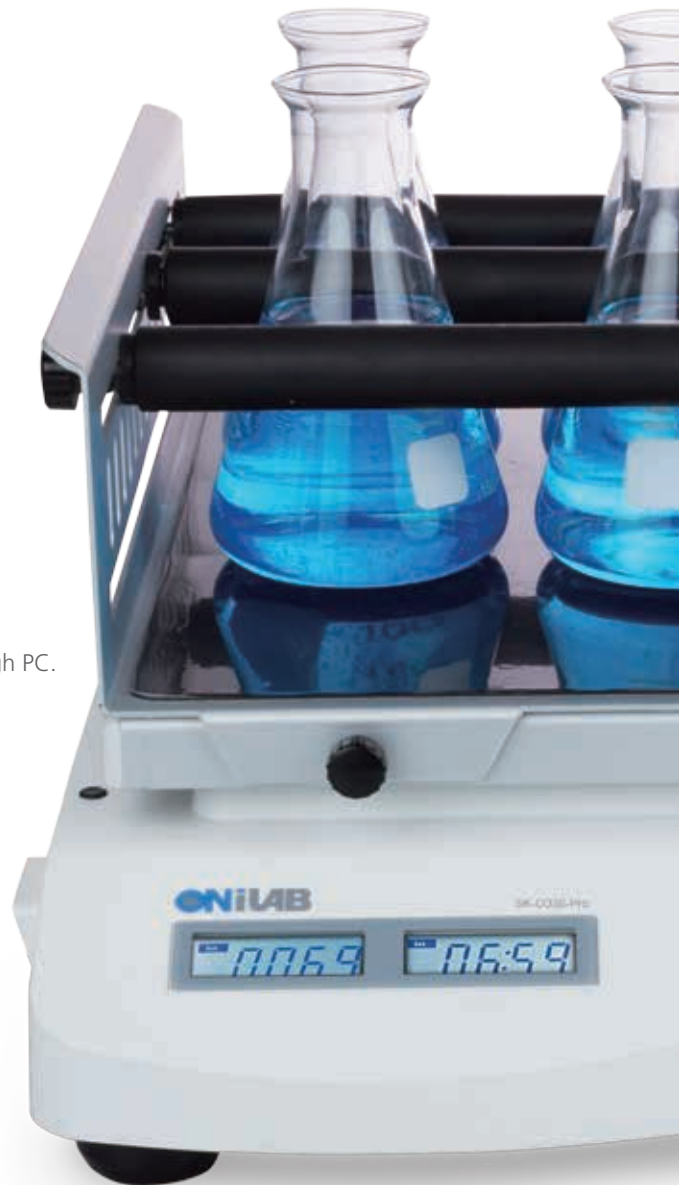
Orbital and Linear Shakers

Orbital shakers with a variety of accessories are suitable for use in different laboratories in microbiology, chemistry, biochemistry and molecular biology in applications like drug analysis, ELISA, Enzyme immunoassays, protein synthesis, etc.,

SK-O330-Pro SK-O180-Pro LCD Digital Orbital Shaker

Features

- Compact and space saving unit.
- Microprocessor PID control ensures powerful and consistent shaking motion.
- Load capacity up to 7.5Kg (O330) and 2.5Kg (O180) with platform.
- LCD digital control of speed and time.
- Programmable speed ranges from 100-500rpm.
- Easy-to-set digital timer from 1min-19h59min.
- High performance BLDC motor with overspeed detection.
- Variety of accessories suitable for most commonly used vessels.
- RS232 interface for data documentation and external control through PC.



SK-O180-S LED Digital Orbital Shaker

Features

- Load capacity up to 3Kg with platform.
- Independent LED digital control of speed and time.
- Light in weight with low maintenance DC motor.
- Programmable speed ranges from 40-200rpm.
- Variety of accessories are available for most commonly used vessels.



SK-O180-E

Economical Orbital Shaker

Features

- Max. load capacity up to 3Kg with platform.
- Speed adjustable from 0-200rpm.
- Wide variety of platforms for use with a variety of vessels.
- Light in weight with low maintenance DC motor.



Specifications	SK-O330-Pro	SK-O180-Pro	SK-O180-S	SK-O180-E
Orbital diameter	10mm	4mm	20mm	20mm
Max. load capacity (with platform)	7.5kg	2.5kg	3kg	3kg
Motor type	Brushless DC motor	Brushless DC motor	DC motor	DC motor
Motor input power	28W	28W	16W	16W
Motor output power	15W	15W	10W	10W
Speed range	100-500rpm	100-800rpm	40-200rpm	0-200rpm
Speed display	LCD	LCD	LED	scale
Timer display	LCD	LCD	LED	-
Time settings range	1min-19h59min	1min-19h59min	1min-19h59min	-
Voltage	100-240V,50/60Hz	100-240V,50/60Hz	100-240V,50/60Hz	100-240V,50/60Hz
Power	30W	30W	20W	20W
Weight	13.5kg	8.1kg	3.1kg	3.1kg
Permissible ambient temperature and humidity	5-40°C, 80%RH	5-40°C, 80%RH	5-40°C,80%RH	5-40°C, 80%RH
Dimension[WxDxH]	370×420×100mm	300×340×100mm	270×330×110mm	270×330×110mm
Protection class	IP21	IP21	IP21	IP21
Data connector	RS232	RS232	-	-



SK-L330-Pro
SK-L180-Pro
LCD Digital Linear Shaker

Features

- Load capacity up to 7.5Kg (O330) and 2.5Kg (O180) with platform.
- Shaking amplitude of 10mm performs gentle motion of samples.
- Orbital LCD digital control of speed and time.
- Adjustable speed on control knob from 100-350rpm.
- Timer adjustable from 1min-19h59min and also allows for unattended operation.
- High performance BLDC motor with overspeed detection.
- Wide range of accessories and attachments are available.
- RS232 interface for data documentation and external control through PC.

SK-L180-S
LED Digital Linear Shaker

Features

- Load capacity up to 3Kg with platform.
- Independent LED digital control of speed and time.
- Light in weight with low maintenance DC motor.
- Programmable speed ranges from 40-200rpm.
- Variety of accessories suitable for most commonly used vessels.



Specifications	SK-L330-Pro	SK-L180-Pro	SK-L180-S	SK-L180-E
Amplitude	10mm	4mm	20mm	20mm
Max. load capacity (with platform)	7.5kg	2.5kg	3kg	3kg
Motor type	Brushless DC motor	Brushless DC motor	DC motor	DC motor
Motor input power	28W	28W	16W	16W
Motor output power	15W	15W	10W	10W
Speed range	100-350rpm	100-350rpm	40-200rpm	0-200rpm
Speed display	LCD	LCD	LED	scale
Timer display	LCD	LCD	LED	-
Time settings range	1min-19h59min	1min-19h59min	1min-19h59min	-
Voltage	100-240V, 50/60Hz	100-240V, 50/60Hz	100-240V, 50/60Hz	100-240V, 50/60Hz
Power	30W	30W	20W	20W
Weight	13.5kg	8.1kg	3.1kg	3.1kg
Permissible ambient temperature and humidity	5-40°C, 80%RH	5-40°C, 80%RH	5-40°C, 80%RH	5-40°C, 80%RH
Dimension[WxDxH]	370×420×100mm	300×340×100mm	270×330×110mm	270×330×110mm
Protection class	IP21	IP21	IP21	IP21
Data connector	RS232	RS232	-	-

SK-L180-E

Economical Linear Shaker

Features

- Load capacity up to 3Kg with platform.
- Light in weight with low maintenance DC motor.
- Speed adjustable from 0-200rpm.
- Varieties of accessories are available.





Rocking and 3D shakers

Rocking & 3D shakers perform efficient mixing of liquids in tubes in a speed range of 40-200rpm (approx.) and are useful in hybridization reactions, gel washing, Cell cultures, blood sample mixing by smooth and three dimensional rotations.

SK-R330-Pro LCD Digital Rocking Shaker

Features

- SK-R330-Pro is a large model and accepts a load capacity of 10Kg.
- Speed and time are adjustable on the digital display from 10-70rpm and 1min-19h59min.
- Rocking motion angle of 9°.
- Wide range of accessories and attachments are available.



SK-R1807-S LED Digital Rocking shaker

Features

- Rocking motion angle 7°
- Max. load capacity is 3kg with platform
- Speed range of 10-80rpm
- Double LEDs for independent display of time and speed
- Wide range of platforms for use with a variety of vessels



SK-R1807-E

Economical Rocking Shaker

Features

- Rocking angle of 7° gives best results at economical price.
- Load capacity up to 3Kg with platform.
- Speed adjustable with analog control knob from 0-80rpm.
- Wide range of accessories and attachments are available.



Specifications	SK-R330-Pro	SK-R1807-S	SK-R1807-E
Tilt angle	9°	7°	7°
Max. load capacity (with platform)	10kg	3kg	3kg
Motor type	DC motor	DC motor	DC motor
Motor input power	40W	16W	16W
Motor output power	24W	10W	10W
Speed range	10-70rpm	10-80rpm	0-80rpm
Speed display	LCD	LED	-
Timer display	LCD	LED	-
Time settings range	1min-19h59min	1min-19h59min	-
Voltage	100-240V, 50/60Hz	100-240V, 50/60Hz	100-240V, 50/60Hz
Power	50W	20W	20W
Weight	9kg	3.2kg	3.2kg
Permissible ambient temperature and humidity	5-40°C, 80%RH	5-40°C, 80%RH	5-40°C, 80%RH
Dimension[WxDxH]	360×410×200mm	270×330×130mm	270×330×130mm
Protection class	IP21	IP21	IP21

SK-D3309-Pro
LCD Digital 3D Shaker

Features

- 3D rocking motion gives best mixing results of viscous media at low speed.
- SK-D3309-Pro is a medium sized model and accepts load capacities of 5Kg.
- Independent LED digital control of speed and time.
- Variable speed adjustment from 10-70rpm – suitable for cell culture plates.
- Wide range of accessories and attachments are available.



SK-D1807-S
LED Digital 3D shaker

Features

- Three-dimensional rocking motion with the angle of 7°
- Max. load capacity is 3kg with platform
- Speed range of 10-80rpm
- Double LEDs for independent display of time and speed
- Various of platform accessories

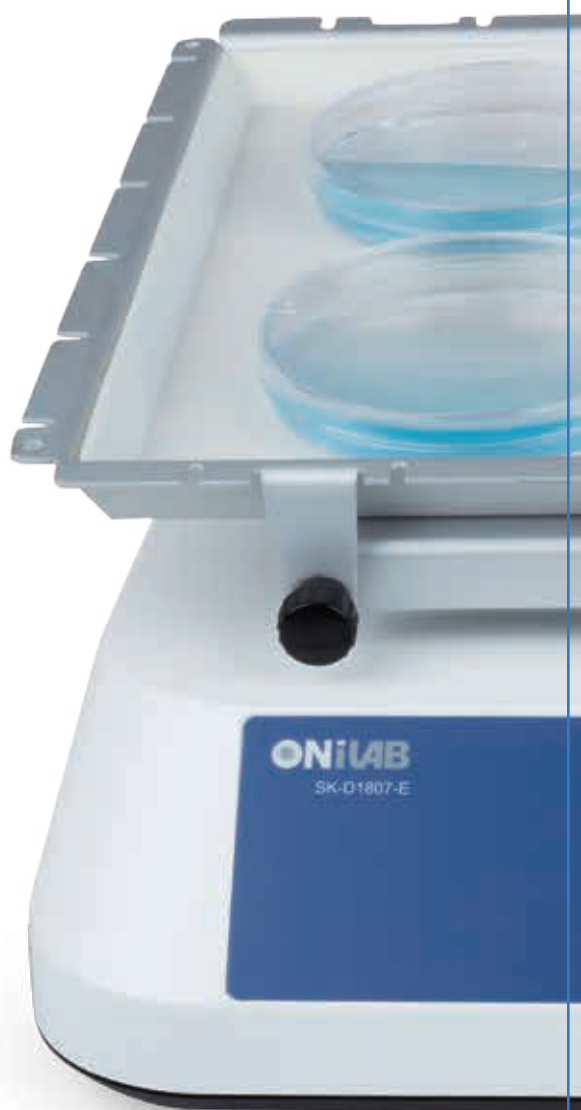
Specifications	SK-D3309-Pro	SK-D1807-S	SK-D1807-E
Tilt angle	9°	7°	7°
Max. load capacity (with platform)	5kg	3kg	3kg
Motor type	DC motor	DC motor	DC motor
Motor input power	40W	16W	16W
Motor output power	24W	10W	10W
Speed range	10-70rpm	10-80rpm	0-80rpm
Speed display	LCD	LED	scale
Timer display	LCD	LED	-
Time settings range	1min-19h59min	1min-19h59min	-
Voltage	100-240V, 50/60Hz	100-240V, 50/60Hz	100-240V, 50/60Hz
Power	50W	20W	20W
Weight	9kg	2.7kg	2.7kg
Permissible ambient temperature and humidity	5-40°C, 80%RH	5-40°C, 80%RH	5-40°C, 80%RH
Dimension[WxDxH]	360x430x106mm	270x330x130mm	270x330x130mm
Protection class	IP21	IP21	IP21
Data connector	-	-	-

SK-D1807-E

Economical 3D Shaker

Features

- Three dimensional rocking angle of 7° gives best results at economical price.
- Load capacity up to 3Kg with platform.
- Speed adjustable with analog control knob from 0-80rpm.
- Wide range of accessories and attachments are available.





Cat. No.	Description	SK-O330-Pro SK-L330-Pro SK-R330-Pro SK-D3309-Pro	SK-O180-Pro/S/E SK-L180-Pro/S/E SK-R1807-S/E SK-D1807-S/E
①	Dish platform with non-slip mat and fixed string (8pcs) Dimension[WxD]: 30x28.5cm	✓	
②	Dish attachment with non-slip mat Dimension[WxD]: 24x21.5cm		✓
③	Large size dish attachment with non-slip mat Dimension[WxD]: 30x23cm		✓
④	Dish attachment with non-slip mat Dimension[WxD]: 28x28cm		✓
⑤	Universal attachment with 4 bars Dimension[WxD]: 30x30cm	✓	
⑥	Lengthways roller attachment Dimension[WxD]: 30x30cm	✓	
⑦	Universal attachment with 3 bars Dimension[WxD]: 24x24cm		✓
⑧	Lengthways roller attachment Dimension[WxD]: 24x24cm		✓
⑨	Bar for SK330.1 universal attachment	✓	
⑩	Bar for SK180.1 universal attachment		✓
⑪	Connect sticks for double dishes shaker	✓	✓

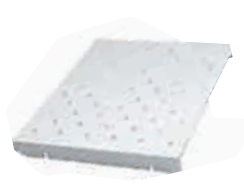


SK330.2

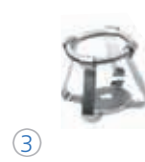


①

SK180.2



②



③



④



⑤



⑥



⑦

Cat. No.	Description	SK-O330-Pro SK-L330-Pro SK-R330-Pro SK-D3309-Pro	SK-O180-Pro/S/E SK-L180-Pro/S/E SK-R1807-S/E SK-D1807-S/E
① 18900028	Fixing clip attachment	√	
② 18900026	Fixing clip attachment		√
③ 18900029	Fixing clip for flask volume 25mL, used with SK330.2[28pcs] SK180.2[9pcs]	√	√
④ 18900030	Fixing clip for flask volume 50mL, used with SK330.2[16pcs] SK180.2[9pcs]	√	√
⑤ 18900031	Fixing clip for flask volume 100mL, used with SK330.2[16pcs] SK180.2 [9pcs]	√	√
⑥ 18900032	Fixing clip for flask volume 200/250 mL, used with SK330.2[9pcs] SK180.2[4pcs]	√	√
⑦ 18900033	Fixing clip for flask volume 500mL, used with SK330.2[9pcs] SK180.2[2pcs]	√	√

