

Shakers

Orbital and Linear Shakers

Digital orbital and linear shakers provide smooth and quiet motions for mixing in culture dishes, flasks and beakers.



sales@novatech-usa.com
www.novatech-usa.com
Tel: (866) 433-6682 Fax: (866) 433-6684
Tel: (281) 359-8538 Fax: (281) 359-0084



SK-O180-Pro / SK-L180-Pro SK-O330-Pro / SK-L330-Pro LCD Digital Orbital and Linear Shakers

Features

- Compact, orbital and Linear shakers with an ideal shaking motion, for a maximum shaking weight of 7.5kg and 2.5kg
- Max load capacity (with platform) is 7.5kg or 2.5kg
- Independent LCD display for speed and time adjustment. Speed and timer can be viewed simultaneously
- Wide range of platforms for use with a variety of vessels
- Electronic time switching clock controls time or continuous operation mode
- Brushless DC motor, long service life and maintenance free
- Over speed detection and protection
- Multi-voltage



SK-O180-S / SK-L180-S LED Digital Orbital and Linear Shaker

NEW

Features

- Orbital and linear shakers with ideal an shaking motion, for a maximum shaking weight (with platform)of 3kg
- LED displays the speed and timer
- Compact space-saving design fits easily in the incubator and refrigerator
- Continuous or timed operation, speed range of 70-200 rpm
- Wide range of platforms for use with a variety of vessels
- Multi-voltage



SK-O180-S / SK-L180-S



SK-O180-E/SK-L180-E Classic Orbital and Linear Shakers

Features

- Orbital and linear shakers with ideal an shaking motion, for a maximum shaking weight (with platform)of 3kg
- Compact space-saving design fits easily in the incubator and refrigerator
- Continuous operation, speed range of 0-200 rpm
- Wide range of platforms for use with a variety of vessels
- Comes with a trans platform
- Multi-voltage



SK-O180-E / SK-L180-E

Specifications

	SK-O330-Pro SK-L330-Pro	SK-O180-Pro SK-L180-Pro	SK-O180-S SK-L180-S	SK-O180-E SK-L180-E
Voltage[VAC]	100-240	100-240	100-240	100-240
Frequency[Hz]	50/60	50/60	50/60	50/60
Power[W]	30	30	30	30
Shaking motion	Orbital/Linear	Orbital /Linear	Orbital /Linear	Orbital /Linear
Orbital diameter[mm]	10	4	20	20
Max. load capacity (with platform) [kg]	7.5	2.5	3	3
Motor type	Brushless DC motor	Brushless DC motor	DC motor	DC motor
Motor rating input[W]	28	28	16	16
Motor rating output[W]	15	15	10	10
Speed range[rpm]	100-350(Linear) 100-500(Orbital)	100-350(Linear) 100-800(Orbital)	70-200	0-200
Speed display	LCD	LCD	LED	-
Timer	Yes	Yes	Yes	-
Timer display	LCD	LCD	LED	-
Time setting range	1min-19h59min	1min-19h59min	1min-19h59min	-
Operation type	Continuous / timed operation	Continuous / timed operation	Continuous / timed operation	Continuous operation
Dimensions[WxDxH mm]	370x420x100	300x340x100	270x330x110	270x330x110
Weight[kg]	13.5	8.1	3.1	3.1
Permissible ambient temperature[°C]	5-40	5-40	5-40	5-40
Permissible relative humidity	80%	80%	80%	80%
Protection class acc. DIN EN60529	IP21	IP21	IP21	IP21
RS232 interface	Yes	Yes	-	-

Rocking Shakers & 3D Shakers

Rocking shakers and 3D shakers are suitable for mixing applications in wide fields including, gel staining and destaining, washes, hybridisations, immune precipitation and Western blots etc.



SK-R330-Pro
With non-slip mat



SK-R330-Pro LCD Digital Rocking Shaker

Features

- Smooth see-saw rocking motion with fixed angle 9°
- Max load capacity (with platform) is up to 10kg
- Speed range of 10-70rpm
- Designed for continuous or timed operation
- Digital speed control and LCD display, speed and timer can be viewed simultaneously
- Wide range of accessory platform to be used for variable size vessels, and non-slip Mat holds vessels and prevents slipping
- Comes with a trans platform
- Multi-voltage

SK-R1807-S LED Digital Rocking shaker

Features

- Rocking shaker with ideal an shaking motion, for a maximum shaking weight (with platform)of 3kg
- LED displays the speed and timer
- Compact space-saving design fits easily in the incubator and refrigerator
- Continuous and timed operation, speed range of 10-80 rpm
- Wide range of platforms for use with a variety of vessels
- Multi-voltage

NEW



SK-R1807-S
With non-slip mat





SK-R1807-E Classic Rocking Shaker

NEW

Features

- Rocking shaker with ideal shaking motion, for a maximum shaking weight(with platform) of 3kg
- Compact space-saving design fits easily in the incubator and cryogenic box
- Wide range of platforms for use with a variety of vessels
- Aluminium-alloyed platform provides strong bearing capability, with non-slip mat holds vessels and prevents slipping
- Continuous operation, speed range of 0-80 rpm
- Comes with a trans platform
- Multi-voltage



SK-R1807-E
With non-slip mat

Specifications

	SK-R330-Pro	SK-R1807-S	SK-R1807-E
Voltage [VAC]	100-240	100-240	100-240
Frequency [Hz]	50/60	50/60	50/60
Power [W]	50	20	20
Motor type	DC motor	DC motor	DC motor
Rocking motion	See-saw rocking	See-saw rocking	See-saw rocking
Tilt angle [°]	9°	7°	7°
Max. load capacity (with platform) [kg]	10	3	3
Speed range [rpm]	10-70	10-80	0-80
Speed display	LCD	LED	-
Timer	Yes	Yes	-
Timer display	LCD	LED	-
Time setting range	1min-19h59min	1min-19h59min	-
Operation type	Continuous / timed operation	Continuous / timed operation	Continuous operation
Dimensions[WxDxH mm]	360x410x200	270x330x130	270x330x130
Weight [kg]	9	3.2	3.2
Permissible ambient temperature [°C]	5-40	5-40	5-40
Permissible relative humidity	80%	80%	80%
Protection class acc. To DIN EN60529	IP21	IP21	IP21

Shakers



SK-D3309-Pro LCD Digital 3D Shaker

Features

- Gentle 3D motion with fixed angle 9°
- Max load capacity (with platform) is up to 5kg
- Speed range of 10-70rpm
- Designed for continuous or timed operation
- Independent LCD display for speed and time adjustment. Speed and timer can be viewed simultaneously
- Wide range of accessory platform to be used for variable size vessels, and non-slip mat holds vessels prevent slipping
- Multi-voltage



SK-D1807-S LED Digital 3D shaker

Features

- 3D shaker with ideal an shaking motion, for a maximum shaking weight (with platform)of 3kg
- LED displays the speed and timer
- Compact space-saving design fits easily in the incubator and refrigerator
- Continuous and timed operation, speed range of 10-80 rpm
- Wide range of platforms for use with a variety of vessels
- Multi-voltage



SK-D1807-S
With non-slip mat

SK-D3309-Pro
With non-slip mat

NEW



SK-D1807-E Classic 3D Shaker

Features

- 3D shaker with ideal shaking motion, for a maximum shaking weight (with platform) of 3kg
- Compact space-saving design fits easily in the incubator and cryogenic box
- Wide range of platforms for use with a variety of vessels
- Aluminium-alloyed platform provides strong bearing capability, with non-slip mat holds vessels prevent slipping
- Continuous operation, speed range of 0-80 rpm
- Multi-voltage



SK-D1807-E

With non-slip mat

Optional accessories of Shaker



Cat. No.	18900027	18900040	18900155	18900028	18900025	18900038	18900185	18900026	18900200
P/N	SK330.1	SK330.3	SK330.5	SK330.2	SK180.1	SK180.3	SK180.4	SK180.2	SK180.5
Descriptions	Universal attachment with 4 bars	Lengthways roller attachment	Dish platform with non-slip mat and fixed string (8 pcs)	Fixing clip attachment	Universal attachment with 3 bars	Lengthways roller attachment	Dish attachment with non-slip mat	Fixing clip attachment	Large size dish attachment with non-slip mat
Used with Shakers									
Rocking Shaker	•	•	•	•					
3D Shaker	•	•	•	•					
Orbital and Linear Shaker(7.5kgs)	•	•	•	•					
Orbital and Linear Shaker (2.5kgs)					•	•	•	•	•
E&S series(3kg)					•	•	•	•	•



Specifications

	SK-D3309-Pro	SK-D1807-S	SK-D1807-E
Voltage [VAC]	100-240	100-240	100-240
Frequency [Hz]	50/60	50/60	50/60
Power [W]	50	20	20
Motor type	DC motor	DC motor	DC motor
Rocking motion	3D orbital	3D orbital	3D orbital
Tilt angle [°]	9°	7°	7°
Max. load capacity (with platform) [kg]	5	3	3
Speed range [rpm]	10-70	10-80	0-80
Speed display	LCD	LED	-
Timer	Yes	Yes	-
Timer display	LCD	LED	-
Time setting range	1min-19h59min	1min-19h59min	-
Operation type	Continuous / timed operation	Continuous / timed operation	Continuous operation
Dimensions[WxDxH mm]	360x430x106	270x330x130	270x330x130
Weight [kg]	9	2.7	2.7
Permissible ambient temperature [°C]	5-40	5-40	5-40
Permissible relative humidity	80%	80%	80%
Protection class acc. To DIN EN60529	IP21	IP21	IP21



Cat. No.	18900029	18900030	18900031	18900032	18900033	18900036	18900037
Descriptions	Fixing clip for flask volume 25mL, used with SK330.2 & SK180.2	Fixing clip for flask volume 50mL, used with SK330.2 & SK180.2	Fixing clip for flask volume 100mL, used with SK330.2 & SK180.2	Fixing clip for flask volume 200/250mL, used with SK330.2 & SK180.2	Fixing clip for flask volume 500mL, used with SK330.2 & SK180.2	Bar for SK330.1 universal attachment	Bar for SK180.1 universal attachment
Used with Shakers							
Rocking Shaker	•	•	•	•	•	•	•
3D Shaker	•	•	•	•	•	•	•
Orbital and Linear Shaker(7.5kgs)	•	•	•	•	•	•	•
Orbital and Linear Shaker (2.5kgs)	•	•	•	•	•		•
E&S series(3kg)	•	•	•	•	•		•