

# SK-D3309-Pro

## Large Multifunctional 3D Shaker

# SK-D1810-S

## Intelligent 3D Shaker

## Features

- Provide a gentle three-dimensional motion shaker at a fixed tilt angle
- Anti slip silicone disc surface, better anti slip effect, and better sample processing effect
- Adjustable rotational mixing speed
- Independent LCD/LED display of time and speed
- Incubator compatible
- Various platform accessories (D3309-Pro)

## Applications

3D shaker used for uniform shaking mixing in flasks, culture flasks, petri dishes and tubes. Ideal for culturing a variety of cell cultures, DNA extractions, distributing of cells and gel staining & destaining of cells.



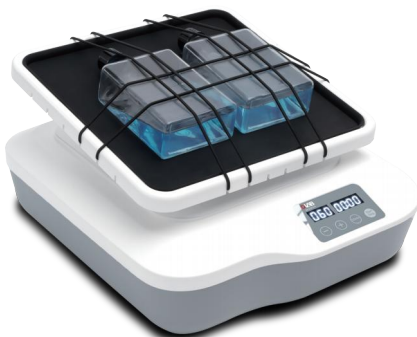
Wide range of accessories



3D Motion
















**SK-D3309-Pro**



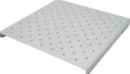








**SK-D1810-S**

| Specifications                               | SK-D3309-Pro      | SK-D1810-S       |
|----------------------------------------------|-------------------|------------------|
| Tilt angle                                   | 9°                | 10°              |
| Max. load capacity(with platform)            | 5kg               | 2kg              |
| Motor type                                   | DC motor          | DC motor         |
| Motor input power                            | 40W               | 16W              |
| Motor output power                           | 24W               | 10W              |
| Speed range                                  | 10-70rpm          | 10-80rpm         |
| Speed display                                | LCD               | LED              |
| Timer display                                | LCD               | LED              |
| Time settings range                          | 1min-99h59min     | 1min-99h59min    |
| Voltage,Frequency                            | 100-240V, 50/60Hz | 100-240V,50/60Hz |
| Power                                        | 50W               | 20W              |
| Weight                                       | 9kg               | 3.7kg            |
| Permissible ambient temperature and humidity | 5-40°C,80%RH      | 5-40°C,80%RH     |
| Dimension[W×D×H]                             | 360×430×106mm     | 294X348X170mm    |
| Protection class                             | IP21              | IP21             |



| Cat. No.                                                                                       | Description                                                                                                                                                               | SK-0330-Pro | SK-L330-Pro | SK-R330-Pro | SK-D3309-Pro | SK-0330-M | SK-0180-Pro | SK-L180-Pro | SK-0180-S<br>(Multifunc) | SK-R1807-S<br>(Multifunc) |
|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-------------|--------------|-----------|-------------|-------------|--------------------------|---------------------------|
| <br>18900155   | SK330.5,<br>Dish platform with non-slip<br>mat and fixed string (8pcs)<br>Dimension[WxD]: 30x28.5cm                                                                       | ■           | ■           | ■           | ■            |           |             |             |                          |                           |
| <br>18202835   | Silicone mattress<br>for 16× 5-15mL<br>tubes, use with SK330.5                                                                                                            | ■           | ■           | ■           | ■            |           |             |             |                          |                           |
| <br>18202846   | Silicone mattress<br>for 6 × 50mL tubes,<br>use with SK330.5                                                                                                              | ■           | ■           | ■           | ■            |           |             |             |                          |                           |
| <br>18900185   | SK180.4,<br>Dish attachment with<br>non-slip mat<br>Dimension[WxD]: 24x21.5cm                                                                                             |             |             |             |              |           | ■           | ■           | ■                        | ■                         |
| <br>18900869   | SK330.4<br>Dish platform with<br>non-slip mat and<br>fixed string(8 pcs), 34X34cm                                                                                         |             |             |             |              | ■         |             |             |                          |                           |
| <br>18900859   | SK330.6 Transparent shield,<br>serologic test for syphilis,<br>41X39.5X10cm                                                                                               | ■           | ■           |             |              | ■         |             |             |                          |                           |
| <br>18900860   | SK180.5 Transparent<br>Cover for Syphilis Serum<br>Test, 32X32X8.3cm                                                                                                      |             |             |             |              |           | ■           | ■           |                          |                           |
| <br>18202852   | Silicone mattress<br>for 10× 5-10mL tubes                                                                                                                                 |             |             |             |              |           | ■           | ■           | ■                        | ■                         |
| <br>18202853 | Silicone mattress<br>for 4 × 50mL tubes                                                                                                                                   |             |             |             |              |           | ■           | ■           | ■                        | ■                         |
| <br>18900027 | SK330.1,<br>Universal attachment with 4 bars<br>Size: 32x32cm<br>Capacity for flask: 25mLx21pcs,<br>50mLx15pcs, 100mLx12pcs,<br>250mLx6pcs, 500x4pcs                      | ■           | ■           | ■           | ■            |           |             |             |                          |                           |
| <br>18900040 | SK330.3<br>Lengthways roller attachment,<br>Mainly used for separation funnel<br>oscillation extraction applications<br>500mL*3pcs 250mL*4pcs<br>100/125mL*4pcs 50mL*5pcs | ■           | ■           | ■           | ■            |           |             |             |                          |                           |
| <br>18900025 | SK180.1,<br>Universal attachment with 3 bars<br>Size: 25x24.5cm<br>Capacity for flask: 25mLx10pcs,<br>50mLx8pcs, 100mLx6pcs,<br>250mLx4pcs, 500x2pcs                      |             |             |             |              |           | ■           | ■           | ■                        | ■                         |
| <br>18900038 | SK180.3<br>Lengthways roller attachment,<br>Mainly used for separation funnel<br>oscillation extraction applications<br>500mL*2pcs 250mL*3pcs<br>100/125mL*3pcs 50mL*4pcs |             |             |             |              |           | ■           | ■           | ■                        | ■                         |

| Cat. No.                                                                                        | Description                                                                               | SK-O330-Pro | SK-L330-Pro | SK-R330-Pro | SK-D3309-Pro | SK-O330-M | SK-O180-Pro | SK-L180-Pro | SK-O180-S<br>(Multifunc) | SK-R1807-S<br>(Multifunc) |
|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------|-------------|-------------|--------------|-----------|-------------|-------------|--------------------------|---------------------------|
| <br>18900036    | Bar for SK330.1<br>universal attachment                                                   | ■           | ■           | ■           | ■            |           |             |             |                          |                           |
| <br>18900037    | Bar for SK180.1<br>universal attachment                                                   |             |             |             |              |           | ■           | ■           | ■                        | ■                         |
| <br>18900280    | Connect sticks<br>for double<br>dishes shaker                                             | ■           | ■           | ■           | ■            | ■         | ■           | ■           | ■                        | ■                         |
| <br>18900028    | SK330.2,<br>Fixing clip attachment<br>Size: 32 x 32cm                                     | ■           | ■           | ■           | ■            |           |             |             |                          |                           |
| <br>18900026    | SK180.2,<br>Fixing clip attachment<br>Size: 25 x 24cm                                     |             |             |             |              |           | ■           | ■           | ■                        | ■                         |
| <br>18900029   | Fixing clip for<br>flask volume<br>25mL, used with<br>SK330.2[28pcs]<br>SK180.2[9pcs]     | ■           | ■           | ■           | ■            |           | ■           | ■           | ■                        | ■                         |
| <br>18900030 | Fixing clip for<br>flask volume<br>50mL, used with<br>SK330.2[16pcs]<br>SK180.2[9pcs]     | ■           | ■           | ■           | ■            |           | ■           | ■           | ■                        | ■                         |
| <br>18900031 | Fixing clip for<br>flask volume<br>100mL, used with<br>SK330.2[16pcs]<br>SK180.2 [9pcs]   | ■           | ■           | ■           | ■            |           | ■           | ■           | ■                        | ■                         |
| <br>18900032 | Fixing clip for<br>flask volume<br>200/250mL, used with<br>SK330.2[9pcs]<br>SK180.2[4pcs] | ■           | ■           | ■           | ■            |           | ■           | ■           | ■                        | ■                         |
| <br>18900033 | Fixing clip for<br>flask volume<br>500mL, used with<br>SK330.2[9pcs]<br>SK180.2[2pcs]     | ■           | ■           | ■           | ■            |           | ■           | ■           | ■                        | ■                         |