



**Mandel**

# MIXER GUIDE

DLAB shaker series can be divided to different types as per different motion models:

| Series                | Image                                                                               | Model        | Plate Size  | Display | Speed Range | Max. Load Capacity |
|-----------------------|-------------------------------------------------------------------------------------|--------------|-------------|---------|-------------|--------------------|
| <b>Orbital Shaker</b> |    | SK-O330-Pro  | 32x32cm     | LCD     | 100-500rpm  | 7.5Kg              |
|                       |    | SK-O180-Pro  | 25x24,5cm   | LCD     | 100-800rpm  | 2.5Kg              |
|                       |    | SK-O330-M    | 33,5x33,5cm | LCD     | 70-400rpm   | 3Kg                |
|                       |  | SK-O180-S    | 26,8x26,8cm | LED     | 40-200rpm   | 2Kg                |
| <b>Linear Shaker</b>  |  | SK-L330-Pro  | 32x32cm     | LCD     | 100-350rpm  | 7.5Kg              |
|                       |  | SK-L180-Pro  | 25x24,5cm   | LCD     | 100-350rpm  | 2.5Kg              |
| <b>Rocking Shaker</b> |  | SK-R330-Pro  | 30x28,5cm   | LCD     | 10-70rpm    | 10Kg               |
|                       |  | SK-R1807-S   | 26,8x26,8cm | LED     | 10-80rpm    | 2Kg                |
| <b>3D Shaker</b>      |  | SK-D3309-Pro | 30x28,5cm   | LCD     | 10-70rpm    | 5Kg                |

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DLAB mixers range can be divided into different series as per mixing speed, working mode, load capacity etc:

| Series                    | Image                                                                               | Model      | Speed Range        | Working mode                                 | Capacity                                                     |
|---------------------------|-------------------------------------------------------------------------------------|------------|--------------------|----------------------------------------------|--------------------------------------------------------------|
| <b>Vortex Mixer</b>       |    | MX-S       | 0~3000rpm          | Orbital<br>(touch + continuous modes)        | -                                                            |
|                           |    | MX-F       | 3000rpm ( fixed )  | Orbital<br>(touch + continuous modes)        | -                                                            |
|                           |    | MX-E       | 3000rpm<br>(fixed) | Orbital<br>(touch mode)                      | -                                                            |
| <b>Cell disruptor</b>     |    | MX-C       | 0~3000rpm          | Orbital<br>(touch + continuous modes)        | 8x2mL                                                        |
| <b>Microplate Mixer</b>   |    | MX-M       | 0~1500rpm          | Orbital<br>(continuous mode)                 | 0.5Kg                                                        |
| <b>Disk Rotator</b>       |   | MX-RD-Pro  | 10~70rpm           | 360° rolling<br>(timer + continuous)         | 60x1.5mL, 16x15mL,<br>8x50mL,<br>(available for 3<br>layers) |
| <b>Rotisserie Rotator</b> |  | MX-RL-Pro  | 10~70rpm           | 360° rolling<br>(timer + continuous)         | 48x1.5mL, 24x15mL,<br>24x50mL                                |
| <b>Disk Rotator</b>       |  | MX-RD-E    | 0~80rpm            | 360° rolling<br>(continuous)                 | 48x2mL, 16x15mL,<br>8x50mL                                   |
| <b>Rotisserie Rotator</b> |  | MX-RL-E    | 0~80rpm            | 360° rolling<br>(continuous)                 | 32x2mL,<br>20x15mL, 16x50mL                                  |
| <b>Rocking Rotator</b>    |  | SK-R30S-E  | 0~30rpm            | 30 ± 3° rocking<br>(continuous)              | 10x10mL, 4x50mL                                              |
|                           |  | SK-R30L-E  | 0~30rpm            | 30 ± 3° rocking<br>(continuous)              | 16x10mL<br>6x50mL                                            |
|                           |  | SK-R30D-E  | 0~30rpm            | 40 ± 3° rocking<br>(continuous)              | 32x10mL, 12x50mL                                             |
| <b>Roller Mixer</b>       |  | MX-T6-Pro  | 0~70rpm            | 360° rocking&rolling<br>(timer + continuous) | 4Kg                                                          |
|                           |  | MX-T6-S/S+ | 0~70rpm            | 360° rocking&rolling<br>(continuous)         | 4Kg                                                          |