



SHAKER SELECTION GUIDE

*How to find the right shaker
for your application!*



Introducing the
**ALL-NEW
ENDEAVOR™
5000**

Ingeniously Practical

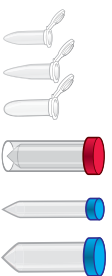
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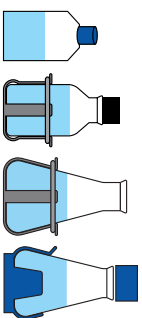
Shaker Selection Guide

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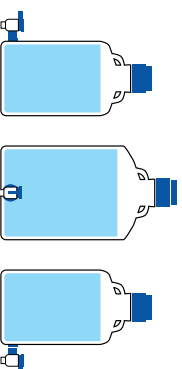
Tubes



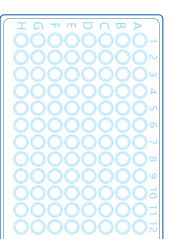
Flasks, Beakers and Media Bottles



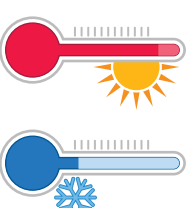
Large Vessels



Micro Plates



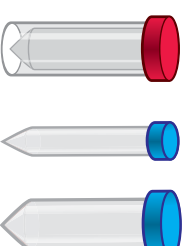
Incubating and Cooling



Click on the labware type or environment to jump to the corresponding selector guide.



Tubes



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Slow Speed for Gentle Mixing 1 – 60 rpm

2D Rocker

3D Waver

Moderate Speed 25 rpm to 500 rpm

Orbital Shakers

One to two Tubes

More than two Tubes

High Speed for Vigorous Mixing 500 – 3000 rpm



Up to 12 × 50 mL Conical Tubes,
70 × 15 mL Conical Tubes or
140 × 1.5/2.0 mL Microtubes

Endeavor™ 5000
Light Duty Shaker



Up to 119 × 50 ml Conical Tubes,
280 × 15 mL Conical Tubes or
560 × 1.5/2.0 Microtubes

Heavy Duty
Shakers



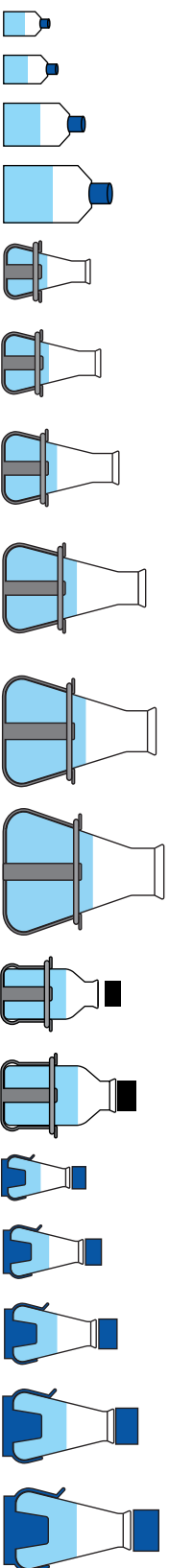
Vortex Mixers



Heavy Duty
Vortex Mixers

Multi-tube
Vortex Mixer





Flasks, Beakers, Media Bottles

Slow Speed
for Low Profile Vessels at
1 – 60 rpm for Gentle Mixing

2D Rocker

3D Waver



Moderate Speed
25 rpm to 500 rpm

Orbital Motion

Reciprocating Motion

Up to 4 kg
or up to 3 × 1 L Flasks

Endeavor™ 5000
Light Duty Shaker



Up to 68 kg
or up to 7 × 6 L Flasks

Heavy Duty Shakers



Reciprocating Shaker

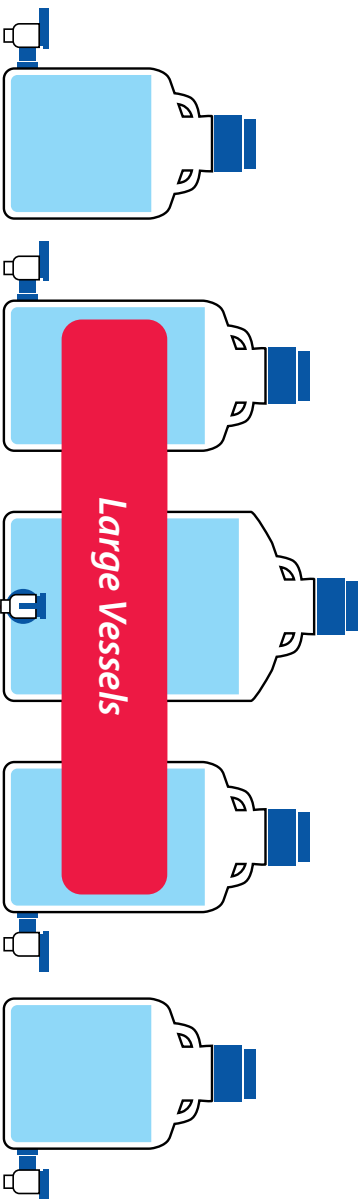


High Speed
for Vigorous Mixing at
500 – 3000 rpm

Endeavor™ 5000 Light Duty Shaker
4 kg 3mm orbit
Small Flasks up to
3 × 1 L up to 800 rpm



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Heavy Duty Shakers

23 kg Analog and Digital Shakers

Heavy Duty Shaker
SHHD2325



45 kg Digital Shakers

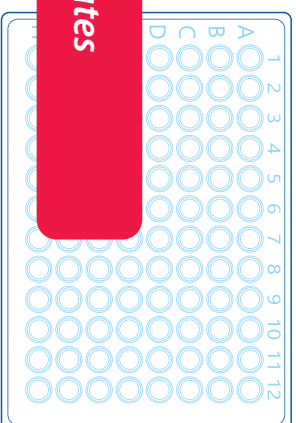
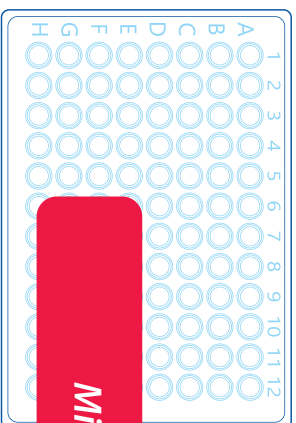
Heavy Duty Shaker
SHHD4550
SHHD4525



68 kg Digital Shakers

Heavy Duty Shaker
SHHD6825
SHHD6850





Micro Plates

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Slow Speed
 25 to 800 rpm

Moderate Speed
 100 to 1200 rpm

High Speed
 500 to 3000 rpm

Orbital

Reciprocating

One or Two Plates

Up to 8 Plates

8-48 Plates

Endeavor™ 5000
 Light Duty
 Shaker

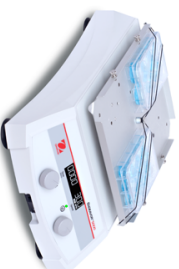
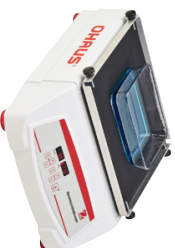
Reciprocating
 Shaker

Endeavor™ 5000
 Light Duty
 Microplate Shaker

Micro Plate Vortexer

Heavy Duty Vortexer

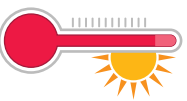
High Speed
 Microplate Shaker



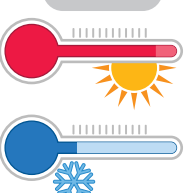
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Incubating Cooling and Mixing



Heating



Heating and Cooling

Micro Plates

ISTHBLHTSN
Thermal Shaker
with Micro Plate Block

ISLDMPHDG
Incubating Light Duty
Shaker

Tubes

ISLD04HDG
Incubating Light Duty
Shaker
for 1 Rack of Tubes

Heavy Duty
Incubating Shaker with
Racks for Tubes

Beakers, Flasks, and Media Bottles

ISLD04HDG
Incubating
Light Duty Shaker
for up to
6 x 250 ml Flasks

Heavy Duty
Incubating Shaker
for up to 2 x 6 L Flasks

Micro Plates

ISTHBLCTSN
Thermal Shaker
with Micro Plate Block

ISICMBCDG
Incubating/Cooling
Shaker

Tubes

ISHD23CDG
Heavy Duty
Incubating Shaker
with Racks for Tubes

ISICMBCDG
Incubating/Cooling
Shaker for
2 Module Blocks

Beakers, Flasks, and Media Bottles

ISHD23CDG
Heavy Duty
Incubating Shaker
for up to 2 x 6 L Flasks



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