

Hei-MIX Shakers & Mixers

Leading Safety Standards

All models have a low center of gravity for secure footing, and an overheat control that turns the device off in an emergency. All platform shakers come equipped with a rubber mat on the platform so that your vessels do not slip or shift. The motor is insulated to prevent the platform from heating up and thermolabile samples becoming damaged.

Superior Ease of Use

Limitless combinations: Test tube shakers, platform shakers with six different movement types (from one- to three-dimensional), and overhead shakers for a variety of vessel sizes. For specific tasks, you can select the desired amplitude and tilt angle from several options for many movement types. You can also choose between three different load capacities.

Reduced Cost of Ownership

Reliable and robust with an average lifespan of more than 10 years, thanks to maintenance-free, sparkless motors for unlimited continuous operation, and sealed housing for corrosion protection. The modular concept of the Incubator 1000 reduces processing times even further and expands your platform shaker with an incubation system at low cost.



Incubator 1000 –
the modular incubation system

- Allows simultaneous tempering of your individual application
- Use valuable laboratory space more efficiently: The modular concept requires significantly less space than other comparable systems
- You can quickly and easily integrate your platform shaker in a low-cost incubation system
- Be flexible! The size of the vessels does not matter: with three different incubator hoods, you have all the options available

6 movement types: from one- to three-dimensional



reciprocating



vibrating/vortexing



rocking



overhead



wave



orbital

Test Tube Shakers – Vortexer

Fast and powerful

Ideal for quickly mixing the contents of test tubes, centrifuge tubes, and similar vessels with various diameters and lengths. Without exception, the powerful shaking motion guarantees excellent mixing results.

Vibrating/Vortexing



Multi Reax – the allrounder
For mixing 12 or 26 samples simultaneously

- Package includes two attachments: Device for 26 test tubes with 10 to 16 mm Ø, and for 12 test tubes with 16 to 32 mm Ø
- The vibration orbit of 3 mm delivers excellent mixing results even for large liquid samples with suspended solids
- Digital, stepless speed control with speeds from 150 to 2,000 rpm
- Process timer up to 999 minutes for automatically ending the shaking function



Reax top

The standard model
Fast and dependable dispersion even for media with suspended solid or high viscosity – perfect for temporary operation.



Reax Control

The precision model
The electronic speed governor keeps speeds consistent even at low speeds and changing loads.

Platform Shakers

Multifunctional and all-purpose

This product range has the right solution for all vessels and applications – from fast and powerful to slow and gentle. Even highly sensitive samples for cell research can be processed: The motor is insulated to prevent the platform from heating up and causing thermal damage to the sample.

- Powerful or gentle mixing even for liquid samples with suspended solids
- Consistency and time – move cell cultures evenly and constantly
- Versatile attachments for use with different vessels

Vibrating

From powerful to gentle, even for liquid samples with suspended solids: achieve the best mixing results thanks to different amplitudes and load capacities.



Orbital

The slow and even orbital movement of the Rotamax and Unimax models keeps your samples in continuous motion.



Rocking

The tilting motion provides excellent results, whether dyeing, washing or cell rearing.



Titramax 100/101/1000

Compact, powerful and temperature-controlled
Excellent mixing results the powerful or gentle way with microtiter plates – even for liquid samples with suspended solids.

Vibramax 100/110

For gentle to powerful mixing
Varied options possible through combining tension rollers, clamps, or attachment for up to 49 test tubes.

Rotamax 120

The compact one
The 20 mm orbit keeps samples in optimal motion. Especially suited for culture plates.

Unimax 1010/2010

Perfect for Erlenmeyer flasks in different sizes
Combine model 1010 with the Incubator 1000 for additional tempering options, or with the Unimax 2010 for an increased load capacity of up to 10 kg.

Duomax 1030

The versatile
Two different tilt angles to choose from and compatible with the Incubator 1000 for gentle tempering.

Platform Shakers

Strong and customizable

For applications such as phase separations or staining electrophoresis gels, you need specialists: Temperature control, high load capacity, two different tilt angles, and attachments for use with separatory funnels, Erlenmeyer flasks, bottles, or culture plates.

Reciprocating

For the correct shaking intensity during phase separation: the Promax models are perfect for use with separatory funnels.



Wave

Three-dimensional movement and two tilt angles for best results, such as when staining electrophoretic gels.



Promax 1020

The temperature controllable
Compatible with the Incubator 1000 for tempering.
The 32 mm stroke is perfect for separating funnels.

Promax 2020

The sturdy one
Large model with 10 kg load capacity and
20 mm stroke for larger amounts.

Polymax 1040

The temperature controllable
Models with 5° or 10° tilt angles for gentle or more powerful
movement amplitude. Compatible with the Incubator 1000.

Polymax 2040

The large scale model
Comes with a large usable area of 39×34 cm for increased
sample throughput and with stepless speed control.

Incubator 1000

Make more of your platform shaker

The unique, modular system lets you do it all: mixing, shaking, and tempering – all without the need for an additional steaming cabinet. Suitable for the 1000-series models of the platform shakers Duomax 1030, Polymax 1040, Titramax 1000, Unimax 1010, and Promax 1020.



Heating module
The heating module gently warms the circulating air to up to 65 °C. The integrated low-noise blower ensures silent and even heat distribution within the incubator hood.

Platform shakers
Select a compatible 1000-series model.

Transparent hood
Stepless adjustment, non-fogging construction (PETG).



This is your space-saving incubation system.



Incubator hood in three sizes

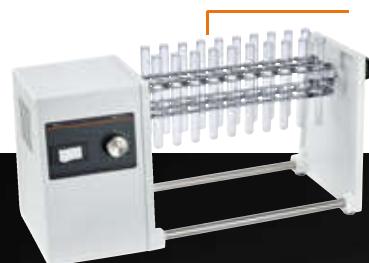
Flat: 163 mm height for small vessels ranging from 25 ml to 100 ml
High: 267 mm height for medium-sized vessels and 500 ml Erlenmeyer flasks
XL: 428 mm height for large vessels and 2,000 ml Erlenmeyer flasks

Customizable or as a package (Unimax/Titramax) – find out more at www.heidolph.com

Overhead Shakers

For small to large tasks

The work horse for different vessels and volumes – even water, wastewater, and silt tests pursuant to DIN 38414 part 4.



Accessory adapter for up to 20 test tubes in one work stage.

Overhead

With quick-clamping system for easily swapping and using different vessels.



- Stepless speed control
- Quick-clamping system for easy swapping
- Can be used with different vessels



Reax 2

For 2 vessels or up to 20 test tubes with optional accessory. Load capacity: 1 kg.

Reax 20 for 4, 8, or 12 flasks

In accordance with DIN 38414 part 4. Also suitable for graduated cylinders or wide-neck bottles with a height up to 270 mm and a diameter up to 136 mm.

Accessories

Limitless combinations with the greatest range of accessories

Various attachments and adapters for numerous applications. Perforated platforms in different sizes make it possible to equip clamps or separatory funnel clamps, or even allow for a multilevel assembly as needed.



Please visit www.heidolph.com for more information on all accessories.