

Temperature Controlled Shaking



... for all your **growing**
needs

While you concentrate on research, we'll look after your support needs

As we want you to have more time to thoroughly concentrate on research, the whole Heidolph team enthusiastically provides you with extensive support and helps to reduce your workload.

- 24 hour service for all inquiries
- Individual application support
- Short delivery time for standard items
- After sales service provided by your local dealer
- More than 80 distributors worldwide
- Priority technical service
- Long-lasting service life of all products due to corrosion-resistant electronics and maintenance-free motors
- 3 year warranty

Temperature Controlled Shaking



- 6 shaking motions
- Optional incubating system
- Controlled temperature to your sample

**Always the
Right Motion**

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Technical specifications - Shakers and Mixers

Model	Reax top	Reax control	Multi Reax	Titramax 100	Titramax 101	Titramax 1000	Vibramax 100	Vibramax 110	Rotamax 120
Motion	vibrating	vibrating	vibrating	vibrating	vibrating	vibrating	vibrating	vibrating	orbital
Rotation speed (rpm)	0 - 2,500	0 - 2,500	150 - 2,000	150 - 1,350	150 - 1,350	150 - 1,350	150 - 1,350	150 - 2,500	20 - 300
Rotation speed setting	analog	electronic contr.	digital	electronic contr.	electronic contr.	electronic contr.	electronic contr.	electronic contr.	electronic contr.
Orbit (mm)	5	5	3	1.5	3	1.5	3	1.5	20
Angle (°)	-	-	-	-	-	-	-	-	-
Operating mode	automatic or continuous	automatic or continuous	timer or continuous	timer or continuous	timer or continuous	timer or continuous	timer or continuous	timer or continuous	timer or continuous
Input power (W)	51	51	50	31	31	31	31	46	33
Weight (kg)	2.8	2.8	9.8	5.5	5.5	6.5	5.5	5.0	5.5
Dimensions (w x h x d) (mm)	134 x 105 x 172	134 x 105 x 172	270 x 172 x 410	245 x 125 x 310	245 x 125 x 310	320 x 125 x 375	245 x 125 x 310	245 x 140 x 310	245 x 125 x 310
Platform size (mm)	-	-	-	220 x 220	220 x 220	290 x 258	220 x 220	140 x 140	220 x 220
Accessories included	-	-	2 carousel attachments	space for 4 microtiter plates	space for 4 microtiter plates	space for 6 microtiter plates	non-skid rubber mat	non-skid rubber mat	non-skid rubber mat
Load capacity (kg)	-	-	1.5	2	2	5	2	2	2
Overheat protection	self-resetting	self-resetting	self-resetting	self-resetting	self-resetting	self-resetting	self-resetting	self-resetting	self-resetting
Permissible ambient temperature (°C)	5-40 at 85% relative humidity	5-40 at 85% relative humidity	0-50 at 80% relative humidity	0-50 at 80% relative humidity	0-50 at 80% relative humidity	0-50 at 80% relative humidity	0-50 at 80% relative humidity	0-50 at 80% relative humidity	0-50 at 80% relative humidity
Protection class (DIN EN 60529)	IP 22	IP 22	IP 30	IP 30	IP 30	IP 40	IP 30	IP 30	IP 30
Supply voltage* (V/Hz)	230 / 50 115 / 60	230 / 50 115 / 60	230 / 50 115 / 60	230 / 50 115 / 60	230 / 50 115 / 60	230 / 50 115 / 60	230 / 50 115 / 60	230 / 50 115 / 60	230 / 50 115 / 60

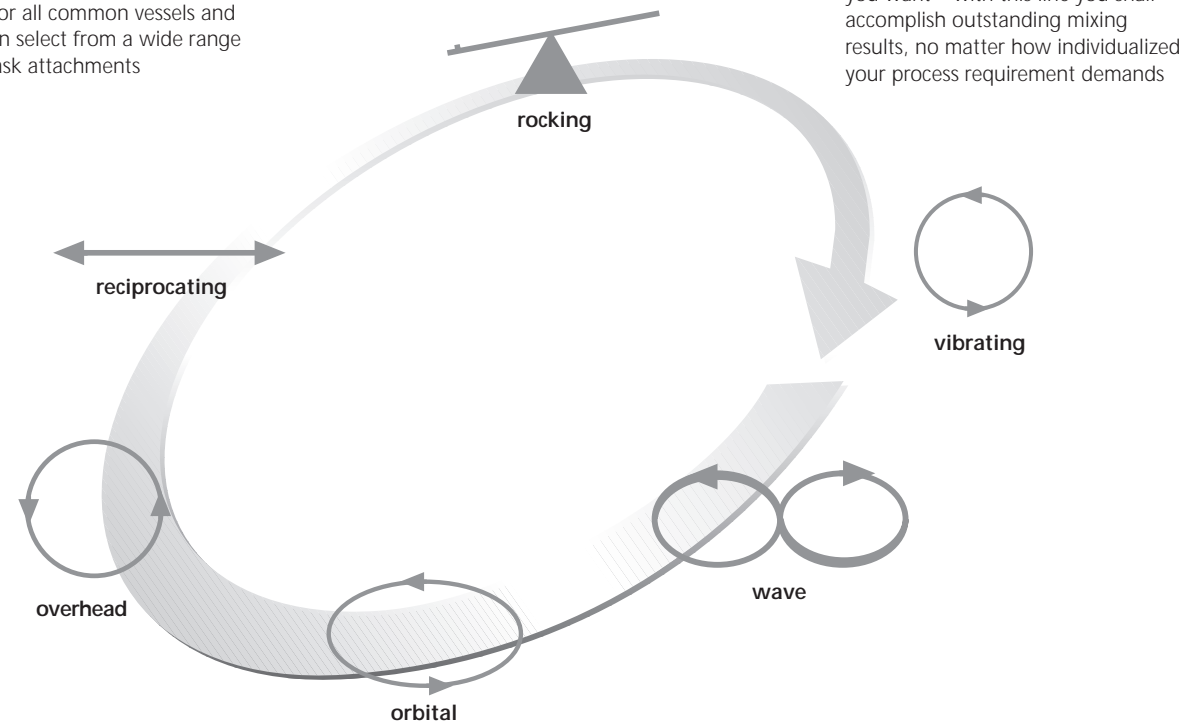
Model	Unimax 1010	Unimax 2010	Promax 1020	Promax 2020	Duomax 1030	Polymax 1040	Polymax 2040	Reax 2	Reax 20/4 Reax 20/8 Reax 20/12
Motion	orbital	orbital	reciprocating	reciprocating	rocking	wave	wave	overhead	overhead
Rotation speed (rpm)	30 - 500	20 - 400	30 - 250	20 - 400	2 - 50	2 - 50	2.5 - 50	20 - 100	1 - 16
Rotation speed setting	digital	digital	digital	digital	electronic contr.	electronic contr.	digital	analog	electronic contr.
Orbit (mm)	10	20	32	20	-	-	-	-	-
Angle (°)	-	-	-	-	5/10	5/10	5/10	-	-
Operating mode	timer or continuous	timer or continuous	timer or continuous	timer or continuous	timer or continuous	timer or continuous	timer or continuous	-	-
Input power (W)	50	115	50	115	115	115	115	27	280
Weight (kg)	8.0	16	8.0	16	8.0	8.0	16	5.2	23, 28, 33
Dimensions (w x h x d) (mm)	320 x 125 x 375	426 x 135 x 435	320 x 125 x 375	426 x 135 x 435	320 x 185 x 375	320 x 195 x 375	426 x 208 x 435	510 x 180 x 235	490 x 465 x 520
Platform size (mm)	290 x 258	390 x 340	290 x 258	390 x 340	290 x 258	290 x 258	390 x 340	-	770 x 465 x 520
Accessories included	non-skid rubber mat	non-skid rubber mat	non-skid rubber mat	non-skid rubber mat	non-skid rubber mat	non-skid rubber mat	non-skid rubber mat	universal adapter	1050x465 x 520
Load capacity (kg)	5	10	5	10	5	5	10	1	30
Overheat protection	self-resetting	self-resetting	self-resetting	self-resetting	self-resetting	self-resetting	self-resetting	self-resetting	self-resetting
Permissible ambient temperature (°C)	0-50 at 80% relative humidity	0-50 at 80% relative humidity	0-50 at 80% relative humidity	0-50 at 80% relative humidity	0-50 at 80% relative humidity	0-50 at 80% relative humidity	0-50 at 80% relative humidity	0-40 at 80% relative humidity	0-40 at 80% relative humidity
Protection class (DIN EN 60529)	IP 40	IP 20	IP 40	IP 20	IP 40	IP 40	IP 20	IP 21	IP 21
Supply voltage* (V/Hz)	230 / 50 115 / 60	230 / 50 115 / 60	230 / 50 115 / 60	230 / 50 115 / 60	230 / 50 115 / 60	230 / 50 115 / 60	230 / 50 115 / 60	230 / 50 115 / 60	230 / 50 115 / 60

* Standard 230 V / 50 Hz: Others upon request, please specify on order

Always the right motion

Our complete range of bench top shakers provides you with any possible movement for your research. That makes us the right choice for the right motion of your application.

No spills: For all common vessels and sizes you can select from a wide range of secure flask attachments



No compromise: Shake whatever you want – with this line you shall accomplish outstanding mixing results, no matter how individualized your process requirement demands

No limitations: Choose from 6 specific motions, from one to three dimensional movements - many models offer options of different orbits and angles to provide increased mixing in the motion range

Optional Incubator System

Your sample needs an adjustable temperature environment that gives precise heating up to 65 °C?

Use your limited bench space more efficiently: The modular incubator system comes with the **smallest footprint** compared to any other common shaker system



Upgrade your platform shaker instantly to an **affordable incubator system** using the modular concept

Full flexibility! No matter how large your vessels are, three incubator hood sizes allow for volumes up to 2 liter Erlenmeyer flasks

Your advantages - our Hei-lights

For your safety

- An **over temperature sensor** preventatively **shuts off** the unit if a dangerous heat-up situation occurs - particularly valuable for you in case of unattended continuous operation or sensitive research
- Our shaker stays in place **to rule out accidents:** All models have been designed with a low center of gravity which prevents gliding at high speed, including placement on a damp surface
- All platform shakers come with an unique non-skid rubber mat that **prevents vessels from sliding** including models performing three dimensional movements



For your ease of use

- Your work requires multiple shaking motions and flask sizes? A large range of shakers and load capacities - from test tube shakers to large multi-tier platform shakers - can help serve your needs while **making your life easy with one brand**
- We offer selected accessories and **attachments specific to each model** that matches best for your application needs
- **Choose from 6 specific motions**, from one to three dimensional movements: Vibrating, orbital, reciprocating, rocking, wave and overhead rotation
- Within one specific shaking motion you can even **choose different shaking orbits and angles** to differentiate between soft or rigid shaking
- Choose from two or three different load capacities of 2, 5, or 10 kg depending on model to **save bench space** or for **high sample throughput**



Clear and self-explanatory front panel layout allows for easy operation

Sustainable economic benefits – increased efficiency

- **Increase your sample throughput and reduce your process times** with the modular system for shaking, mixing and heating – all in one
- Are you working with heat sensitive samples? Platform shakers come with an insulated system to prevent any heat transfer from the motor that could cause potential thermal damage to your sample. **That saves you time and money**
- Maintenance free motors **reduce repairs and down times** significantly to ensure years of continuous operation backed by the Heidolph 3 year warranty
- The sealed housing on many models protects your shaker from aggressive fumes, liquids and vapors to prevent internal corrosion. This results in an **increased lifespan of 10 years on average** at reduced maintenance and repair costs

Test tube shakers – vibrating

Reax models

Ideal for mixing samples in Eppendorf tubes, vials and similar vessels of different diameters at extremely high speed rates. The ridged mixing orbit yields consistent results and is ideal for product dissolution.

Shakers include all standard features for safety, ease of use and increased efficiency plus:

Plate for 20 mm diameter test tubes is included as a standard. Test tube tray for flasks up to 50 mm diameter is optionally available in the accessory section.

Reax top – The standard model

P/N 541-10000-00

Accessories: [Category: A](#)

Features an analog dial speed control, no settings of specified rpm numbers

Fast and dependable mixing results due to high vibration frequency that rates up to 2,500 rpm

The **strong 5 mm vibration orbit** accomplishes best results even **with high viscosity media or solids** out of solution to give smooth and even dispersion quickly

Switch to continuous mode – the unit performs a permanent vibration motion

Switch to automatic mode: The unit will start once a vessel is pressed to the plate and will stop automatically once this pressure is released

Reax control – The accurate model

P/N 541-11000-00

Accessories: [Category: A](#)

Improve your results by the electronic speed control that provides constant rpm output even at very low speed and under changing loads

Includes all Reax top features, plus:

Features analog dial speed control with accurate rpm numbers setting

Test tube shakers – vibrating

Multi Reax – The all purpose

P/N 545-10000-00

Accessories: [Category: H](#)

Unique shaker to accommodate up to 26 vessels with various diameters
Shipment includes as a standard:
Attachment for 26 vessels with diameters from 10 to 16 mm
Attachment for 12 vessels with diameters from 16 to 32 mm

The **3 mm vibration orbit** accomplishes excellent results especially in large vessels. The Multi Reax allows for **ridged to smooth** dispersion of viscous media and solids

Set and continuously adjust the variable speeds from 150 to 2,000 rpm on the digital display

Your digital process timer allows for unattended operation and can be set from 1 to 999 minutes. After time expires this model sends an acoustic alarm and operation is stopped

Platform shakers – vibrating

Titramax and Vibramax models

Do you perform research which requires ridged or gentle shaking for small samples on microtiter plates or test tubes?
Five options with different load capacities and shaking orbits are available for you!

Shakers include all standard features for safety, ease of use and increased efficiency plus:

Titramax 100 – The compact model

P/N 544-11200-00

Titramax 100 is a compact and space saving unit that accepts load capacities of 2 kg and space for 4 microtiter plates

Your analog process timer allows for unattended operation and can be set from 1 to 120 minutes. After time expires this model sends an acoustic alarm and operation is stopped



Set and continuously adjust the variable speed on the analog control knob from 150 to 1,350 rpm

Are you working with heat sensitive samples? Platform shakers come with an insulated system to prevent any heat transfer from the motor that could cause potential thermal damage to your sample

The **1.5 mm vibration orbit** performs **gentle mixing** with best results using small sample volumes

Titramax 101 – The strong model

P/N 544-11300-00



Includes all Titramax 100 features, plus:

The **3 mm vibration orbit** accomplishes better results with **higher volume samples** than the Titramax 100 to yield consistent mixing of samples in the plate

Titramax 1000 – The incubating model

P/N 544-12200-00

This model is suitable for the modular incubator system and is recommended for applications which require variable temperature control of up to 65 °C



Titramax 1000 is a medium sized model and accepts load capacities of 5 kg

The **1.5 mm vibration orbit** performs **gentle mixing** with best results using small sample volumes

Includes all Titramax 100 features, plus:

The use of 6 microtiter plates increases your throughput by 50 %

Platform shakers – vibrating

Vibramax 100 – The compact model

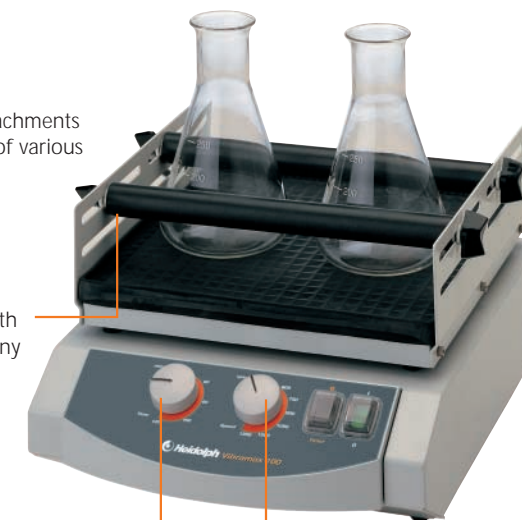
P/N 544-21200-00

Accessories: [Category: B](#)

A large selection of attachments is provided for the use of various vessels and sizes

Optional attachment with tension rollers accepts any glassware size

Your analog process timer allows for unattended operation and can be set from 1 to 120 minutes. After time expires this model sends an acoustic alarm and operation is stopped



Vibramax 100 is a compact and space saving unit with a load capacity of 2 kg

The **3 mm vibration orbit** gives excellent results especially in large vessels – allows for **smooth to ridged** mixing of viscous media and solids

Set and continuously adjust the variable speed on the analog control knob from 150 to 1,350 rpm

Vibramax 110 – The efficient model

P/N 544-31200-00

Accessories: [Category: C](#)

Ideal for the optional attachment to use 49 test tubes that increases your throughput significantly

Set and continuously adjust the variable speed on the analog control knob from 150 to 2,500 rpm



Includes all Vibramax 100 features, plus:

The **shaking orbit of 1.5 mm** performs a gentle motion for sensitive samples

Platform shakers – orbital

Rotamax and Unimax models

Cultivation of cells and microorganisms requires time and peace. What to do if you need to spend time on other priorities?

The slow and constant rotation of the Rotamax and Unimax models keeps your samples continuously in motion.

Shakers include all standard features for safety, ease of use and increased efficiency plus:

Rotamax 120 – The compact model

P/N 544-41200-00

Accessories: [Category: B](#)

Rotamax 120 is a compact and space saving unit that accepts load capacities of 2 kg and offers space for 4 medium sized culture plates

Wide range of accessories, attachments and clamps for up to 36 Erlenmeyer flasks available



The shaking orbit of 20 mm performs a gentle motion for sensitive samples and supports culture plates and Erlenmeyer flasks

Your analog process timer allows for unattended operation and can be set from 1 to 120 minutes. After time expires this model sends an acoustic alarm and operation is stopped

Set and continuously adjust the variable speed on the analog control knob from 20 to 300 rpm

Platform shakers – orbital

Unimax 1010 – The incubating model

P/N 543-12310-00

Accessories: [Category: D](#)

This model is suitable for the modular incubator system and is recommended for applications which require variable temperature control up to 65 °C

The Unimax 1010 is a medium sized model and accepts load capacities of 5 kg

Your digital process timer allows for unattended operation and can be set from 1 to 999 minutes. After time expires this model sends an acoustic alarm and operation is stopped

Set and continuously adjust the variable speed on the digital display from 30 to 500 rpm



Includes all Rotamax/Unimax features, plus:

The shaking orbit of 10 mm performs a gentle motion for sensitive samples and supports culture plates and Erlenmeyer flasks

Unimax 2010 – The resilient model

P/N 542-10020-00

Accessories: [Category: E](#)

The Unimax 2010 is a large model and accepts a load capacity of 10 kg for high sample throughput

Increase your sample throughput with the optional multi-tier attachment for a variety of vessel sizes

Your digital process timer allows for unattended operation and can be set from 1 to 120 minutes. After time expires this model sends an acoustic alarm and operation is stopped

Set and adjust continuously variable speed on the digital display from 20 to 400 rpm



Includes all Unimax 1010 features, plus:

The shaking orbit of 20 mm performs a gentle motion for sensitive samples and supports culture plates and Erlenmeyer flasks

Platform shakers - reciprocating

Promax models

Are you missing the right shaker for separations in chemistry or performing soil testing? All Promax models are designed especially for phase separations using separatory funnels or applications that require reciprocating motion.

Shakers include all standard features for safety, ease of use and increased efficiency plus:

Promax 1020 – The incubating model

P/N 543-22332-00

Accessories: [Category: D](#)

This model is suitable for the modular incubator system and is recommended for applications which require variable temperature control up to 65 °C

The Promax 1020 is a medium sized model and accepts load capacities of 5 kg

Your digital process timer allows for unattended operation and can be set from 1 to 999 minutes. After time expires this model sends an acoustic alarm and operation is stopped

Wide range of accessories, attachments and clamps for separatory funnels available

With a stroke length of 32 mm the Promax model performs an ideal motion for separatory funnels

Set and continuously adjust the variable speed on the digital display from 30 to 250 rpm

Promax 2020 – The resilient model

P/N 542-20020-00

Accessories: [Category: E](#)

The Promax 2020 is a large model and accepts a load capacity of 10 kg for high sample throughput

Includes all Promax 1020 features, plus:

With a stroke length of 20 mm this Promax model can mix larger volumes with ease

Your digital process timer allows for unattended operation and can be set from 1 to 120 minutes. After time expires this model sends an acoustic alarm and operation is stopped

Set and continuously adjust the variable speed on the digital display from 20 to 400 rpm – ideal for separations

Platform shakers – rocking

Duomax model

You focus on cell culture, mix in large media bottles and require a two dimensional motion with flexibility to heat? The Duomax is available in two different angle configurations which are recommended for culture plates/bottles, media bottles and Erlenmeyer flasks to help cultivate cells.

Shakers include all standard features for safety, ease of use and increased efficiency plus:

Duomax 1030 – The incubating model

P/N 543-32205-00 features tilt angle of 5°

P/N 543-32210-00 features tilt angle of 10°

Accessories: [Category: D](#)

This model is suitable for the modular incubator system and is recommended for applications which require variable temperature settings

The Duomax 1030 is a medium sized model and accepts load capacities of 5 kg

Your analog process timer allows for unattended operation and can be set from 1 to 120 minutes. After time expires this model sends an acoustic alarm and operation is stopped

Choose your angle between these two options: Tilt angle of 5° for soft and gentle movements or tilt angle of 10° for a much stronger motion

Set and continuously adjust the variable speed on the analog control knob from 2 to 50 rpm – ideal for media bottles

Platform shakers – wave

Polymax models

Nothing beats a three dimensional motion: For best mixing results of viscous media such as gels for electrophoresis, you can also choose the tilt angle that works best for the application.

Shakers include all standard features for safety, ease of use and increased efficiency plus:

Polymax 1040 – The incubating model

P/N 543-42205-00 features tilt angle of 5°
P/N 543-42210-00 features tilt angle of 10°

Accessories: [Category: D](#)

This model is suitable for the modular incubator system and is recommended for applications which require variable temperature control up to 65 °C

The Polymax 1040 is a medium sized model and accepts load capacities of 5 kg



Choose your angle between these two options:
Tilt angle of 5° for soft and gentle movements or
tilt angle of 10° for a much stronger motion

Use this model for any vessel – from culture plates, media bottles and Erlenmeyer flasks – there is no limit

Your analog process timer allows for unattended operation and can be set from 1 to 120 minutes. After time expires this model sends an acoustic alarm and operation is stopped

Set and continuously adjust the variable speed on the analog control knob from 2 to 50 rpm – ideal for cell culture plates

Polymax 2040 – The resilient model

P/N 543-40005-00 features tilt angle of 5°
P/N 543-40010-00 features tilt angle of 10°

Accessories: [Category: E](#)

The Polymax 2040 is a large model and accepts a load capacity of 10 kg for high sample throughput



Includes all Polymax 1040 features, plus:

Your digital process timer allows for unattended operation and can be set from 1 to 120 minutes. After time expires this model sends an acoustic alarm and operation is stopped

Set and continuously adjust the variable speed on the digital display from 2.5 to 50 rpm – ideal for cell culture plates

Incubator 1000

Your platform shaker has no space in your heating oven or incubator cabinet? Adjustable temperature and visual control is a key priority for you?

This truly unique system gives you all in one: Shaking, mixing and heating with visual reaction control at all times. These platform shakers are compatible with the incubator system: Duomax 1030, Polymax 1040, Titramax 1000, Unimax 1010 und Promax 1020

Heating module allows for gentle temperature adjustments up to 65 °C

Use ONE incubator for numerous shakers - interchangeability is ensured and takes less than 2 minutes. You can incubate and mix simultaneously or independently



Electrical heater allows for quick and even temperature distribution throughout the entire enclosure

Immediate access: The incubator hood opens instantly and interlocks in any position

Unlimited visual reaction control at all times: The transparent and non-fogging PETG construction offers it all

Three options available: A flat hood for small vessels and microtiter plates, a high hood for all common medium sized vessels and even a high hood XL for larger Erlenmeyer flasks up to 2,000 ml

Heating module

P/N 549-90010-00

Electrical heater comes with low-noise blower and provides accuracy of ± 2 °C up to 50 °C and ± 4 °C over 50 °C

To protect your sample from thermal damages this unit features a safety circuit to prevent overheating



Heating capacity of 300 W allows for quick temperature adjustments

Digital temperature settings up to 65 °C and separate display for actual temperature

Incubator hoods

Flat hood

For small vessels

The small incubator hood comes with a total height of 163 mm

Recommended especially for microtiter plates, culture plates, small flasks, media bottles and Erlenmeyer flasks up to 100 ml

Transparent and non-fogging PETG material allows for sample viewing and is easily cleaned



Flat hood
P/N 549-90040-00



High hood
P/N 549-90030-00

High hood XL

For 2,000 ml vessels

The high hood XL comes with a total height of 428 mm

Recommended especially for 2,000 ml Erlenmeyer flasks

Transparent and non-fogging PETG material allows for sample viewing and is easily cleaned



High hood XL
P/N 549-90060-00

High hood

For high vessels and flasks

The high incubator hood comes with a total height of 267 mm

Recommended especially for large flasks and media bottles, Erlenmeyer flasks up to 1,000 ml and medium sized or large common vessels

Transparent and non-fogging PETG material allows for sample viewing and is easily cleaned

Accessories



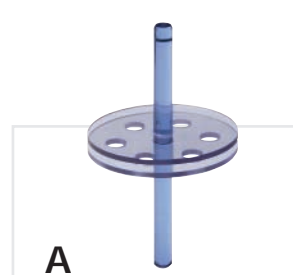
Test tube tray, large
for test tubes and flasks up to 50 ml
P/N 549-19000-00



Test tube holding device
Attachment to hold one test tube safely for continuous shaking
P/N 549-20000-00



Attachment for 10 test tubes
Foam attachment provides space for 10 test tubes for simultaneously mixing with just one shaker
P/N 549-01000-00



Test tube stand
for up to 6 Eppendorf vessels (1.5 ml)
P/N 549-04000-00



Tension roller attachment
Attachment with 2 tension rollers
P/N 549-81000-00



Spare tension roller
1 tension roller for attachment
P/N 549-81000-00
P/N 11-008-007-08



Perforated platform 100
Universal perforated platform allows for individual arrangement of vessels
P/N 549-59100-00



Test tube attachment
for up to 49 test tubes with Ø 12 mm, length up to 80 mm
P/N 549-82000-00
for up to 36 test tubes with Ø 16 mm, length up to 80 mm
P/N 549-83000-00



25 ml Erlenmeyer attachment
Attachment for up to 22 Erlenmeyer flasks with a size of 25 ml
P/N 549-72000-00



50 ml Erlenmeyer attachment
Attachment for up to 14 Erlenmeyer flasks with a size of 50 ml
P/N 549-73000-00



100 ml Erlenmeyer attachment
Attachment for up to 9 Erlenmeyer flasks with a size of 100 ml
P/N 549-74000-00



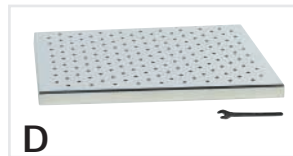
250 ml Erlenmeyer attachment
Attachment for up to 5 Erlenmeyer flasks with a size of 250 ml
P/N 549-75000-00



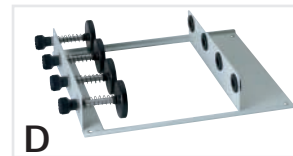
500 ml Erlenmeyer attachment
Attachment for up to 4 Erlenmeyer flasks with a size of 500 ml
P/N 549-76000-00



1000 ml Erlenmeyer attachment
Attachment for up to 2 Erlenmeyer flasks with a size of 1000 ml
P/N 549-77000-00



Perforated platform 1000
Universal perforated platform allows for individual arrangement of vessels
P/N 549-59200-00



Separatory funnel attachment
Attachment for 4 separatory funnels (50 ml, conical) or 4 separatory funnels (100 ml, conical)
P/N 549-78000-00

Accessories for:

- A** Reax top/control
- B** Vibramax 100, Rotamax 120
- C** Vibramax 110
- D** Unimax 1010, Duomax 1030, Polymax 1040, Promax 1020

- E** Unimax 2010, Promax 2020, Polymax 2040
- F** Reax 2
- G** Reax 20/4 · 20/8 · 20/12
- H** Multi Reax

Accessories



Frame with tension roller
Attachment with 2 tension rollers
P/N 549-70000-00



Spare tension roller
1 tension roller as accessory for attachment P/N 549-70000-00
P/N 549-71000-00



Separatory funnel clamp (250 ml, 500 ml, 1000 ml)
For perforated platform 2000, space for max. 4 (250 ml), 3 (500 ml) or 3 (1000 ml) clamps
P/N 549-57000-00



Separatory funnel clamp (2000 ml)
For perforated platform 2000, space for max. 2 clamps
P/N 549-61000-00



Perforated platform 2000
Universal perforated platform allows for individual arrangement of vessels
P/N 549-59000-00



Frame tension roller
Frame without tension roller
P/N 549-50000-00



Tension roller
1 tension roller for the frame
P/N 549-50000-00 please order 2 pcs. min.
P/N 549-58000-00



Multi-tier attachment
Includes perforated platform 2000 and 4 supporting rods
P/N 549-62000-00



Adapter for 20 test tubes
Allows for simultaneously mixing 20 test tubes Ø 10-18 mm with just one shaker
P/N 549-21000-00



Universal adapter
Allows for using common vessels and test tube racks; max. span height: 160 mm
P/N 549-30000-00



Attachment for 1 l bottles
(Set of 4) Allows for the use of four 1 liter bottles
P/N 549-26000-00



Attachment for 0.5 l bottles
(Set of 4) Allows for the use of four 0.5 l bottles
P/N 549-27000-00



Tension plate for caps
Allows for the use of common bottles with Ø 94 mm
P/N 11-001-001-81




Carousel attachment for up to 26 test tubes
(Ø 10-16 mm, length 160 mm)
P/N 549-01600-00



Carousel attachment for up to 12 test tubes
(Ø 16-32 mm, length 120 mm)
P/N 549-03000-00

Clamp for the perforated platform

		Size 1 for 25 ml Erlenmeyer flasks	Size 2 for 50 ml Erlenmeyer flasks	Size 3 for 100 ml Erlenmeyer flasks	Size 4 for 250 ml Erlenmeyer flasks	Size 5 for 500 ml Erlenmeyer flasks	Size 6 for 1000 ml Erlenmeyer flasks	Size 7 for 2000 ml Erlenmeyer flasks
P/N		549-51000-00	549-52000-00	549-53000-00	549-54000-00	549-55000-00	549-56000-00	549-63000-00
for platform 100		max. 16	max. 16	max. 8	max. 5	max. 3	max. 2	-
for platform 1000		max. 20	max. 20	max. 14	max. 8	max. 4	max. 4	max. 2
for platform 2000		max. 36	max. 36	max. 23	max. 12	max. 9	max. 5	max. 3

Complete packages at a special price

Titramax package

This package includes:
One vibrating platform shaker Titramax 1000
One heating module and
One flat incubator hood

P/N 544-12209-00



Unimax package

This package includes:
One orbital platform shaker Unimax 1010
One heating module and
One high incubator hood

P/N 543-12319-00



Overhead shakers

Complies with standards for the determination of elutriation with water.

Shakers include all standard features for safety, ease of use and increased efficiency plus:

Reax 20

Overhead shakers for 4, 8 or even 12 bottles

Other vessels with 160 - 290 mm height and max. 136 mm diameter can be used with a tension plate accessory



Set and continuously adjust the variable speed on the analog control knob from 1 to 16 rpm – Ideal for waste water analysis

Other rotation speeds available upon request, for example 0.5 to 8 rpm or 2 to 32 rpm

Easy and fast attachments of bottles

Reax 20/4 (not shown)
P/N 541-20004-00
Accessories: Category: G

Reax 20/8
P/N 541-20008-00
Accessories: Category: G

Reax 20/12 (not shown)
P/N 541-20012-00
Accessories: Category: G

Reax 2

P/N 541-21001-00
Accessories: Category: F

In addition an optional adapter is available for the use of 20 test tubes at a time



Quickly clamps in 2 vessels of any size and accepts load capacities up to 1 kg

Speed continuously adjustable from 20 to 100 rpm

Universal adapter allows for the use of various vessels of 50 - 160 mm height

Summary of all Shaker & Mixer models

Choose from six different shaking motions the right one for your application



vibrating

orbital

reciprocating

rocking

wave

overhead

The optional incubator system is suitable for all 5 kg platform shakers and offers you a great alternative to common heating cabinets



Duomax 1030

Polymax 1040

Titramax 1000

Unimax 1010

Promax 1020

Temperature Controlled Shaking



- 6 shaking motions
- Optional incubating system
- Controlled temperature to your sample

Always the
Right Motion

Heidolph Instruments offers you a complete system available from one manufacturer. All components are designed to function together perfectly – that guarantees smooth, safe and efficient operation.

This is what we mean by „Research made easy“ – to help you concentrate on research, with your findings, your company and millions of people worldwide in mind.



Call us for a no obligation demo



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