

Platform shakers Hei-MIX series – temperature controlled shaking

General features

- An overtemperature sensor preventively shuts off the unit in a dangerous heat-up situation – particularly valuable in case of continuous operation
- Choose between different shaking motions, orbits, angles and load capacities: the right model for your specific application
- With transparent PETG incubation hood, which excludes condensate formation, for full visual control of the reaction
- The temperature-insulated drive prevents heating of the platform and thus damage to thermally sensitive samples
- Access with the flick of a hand: The hood folds up and remains in any position without extra locking
- Thanks to their low centre of gravity, the shakers will not slide off the table even with moist surfaces

Platform shakers, orbital vibrating

Titramax 100 – The compact model

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

Titramax 101 – The strong model

- 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

- Includes all Titramax 100 features, plus:
- The use of 6 microtiter plates increases your throughput by 50 %
- The 1.5 mm vibration orbit performs gentle mixing with best results using small sample volumes
- Titramax 1000 is a medium sized model and accepts load capacities of 5 kg
- This model is suitable for the modular incubator system and is recommended for applications which require variable temperature control of up to 65 °C

Type	Orbit mm	Speed range 1/min	Qty max. ti-terplates	W x D x H mm	Order No.
Titramax 100	1.5	150-1350	4	245x310x125	52 41 44112
① Titramax 101	3.0	150-1350	4	245x310x125	52 41 44113
② Titramax 1000	1.5	150-1350	6	320x375x125	52 41 44122

Vibramax 100 / Vibramax 110

Vibramax 100 – The compact model

- A large selection of attachments is provided for the use of various vessels and sizes
- 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
- 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
- Optional attachments with tension rollers accept any glassware size

Vibramax 110 – The efficient model

- Includes all Vibramax 100 features, plus:
- The shaking orbit of 1.5 mm performs a gentle motion for sensitive samples
- Set and continuously adjust the variable speed on the analog control knob from 150 to 2,500 rpm
- Ideal for the optional attachments to use 49 test tubes that increases your throughput significantly

Type	Orbit mm	Speed range 1/min	Loading wght kg	W x D x H mm	Order No.
③ Vibramax 100	3.0	150-1350	2	245x310x125	52 41 44212
④ Vibramax 110	1.5	150-2500	2	245x310x146	52 41 44312



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Platform shakers, orbital

Rotamax 120 – The compact model

- Rotamax 120 is a compact and space saving unit that accepts load capacities of 2 kg
- The shaking orbit of 20 mm performs a gentle motion for sensitive samples and supports culture plates and Erlenmeyer flasks
- Set and continuously adjust the variable speed on the analog control knob from 20 to 300 rpm
- 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
- Wide range of accessories, attachments and clamps for up to 16 Erlenmeyer flasks available

Unimax 1010 – The incubating model

- Includes all Rotamax/Unimax features, plus:
- This model is suitable for the modular incubator system and is recommended for applications which require variable temperature control up to 65 °C
- The shaking orbit of 10 mm performs a gentle motion for sensitive samples and supports culture plates and Erlenmeyer flasks
- Set and continuously adjust the variable speed on the digital display from 30 to 500 rpm
- 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
- The Unimax 1010 is a medium sized model and accepts load capacities of 5 kg

Unimax 2010 – The resilient model

- 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
- Set and adjust continuously variable speed on the digital display from 20 to 400 rpm
- 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
- Increase your sample throughput with the optional multi-tier attachment for a variety of vessel sizes
- The Unimax 2010 is a large model and accepts a load capacity of 10 kg for high sample throughput

Type	Orbit mm	Speed range 1/min	Loading wght kg	W × D × H mm	Order No.
⑤ Rotamax 120	20	20-300	2	245×310×125	52 41 44120
⑥ Unimax 1010	10	30-500	5	320×375×125	52 41 43123
⑦ Unimax 2010	20	20-400	10	426×435×135	52 41 42100

Platform shakers, reciprocating

Promax 1020 – The incubating model

- This model is suitable for the modular incubator system and is recommended for applications which require variable temperature control up to 65 °C
- 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
- 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
- The Promax 1020 is a medium sized model and accepts load capacities of 5 kg

Promax 2020 – The resilient model

- Includes all Promax 1020 features, plus:
- With a stroke length of 20 mm this Promax model can mix larger volumes with ease
- Set and continuously adjust the variable speed on the digital display from 20 to 400 rpm – ideal for separations
- 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
- The Promax 2020 is a large model and accept a load capacity of 10 kg for high sample throughput

Type	Orbit mm	Speed range 1/min	Loading wght kg	W × D × H mm	Order No.
⑧ Promax 1020	32	30-250	5	320×375×125	52 41 54320
⑨ Promax 2020	20	20-400	10	415×455×135	52 41 54220



Platform shakers, rocking

Duomax 1030 – The incubating model

- This model is suitable for the modular incubator system and is recommended for applications which require variable temperature settings
- 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
- 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
- The Duomax 1030 is a medium sized model and accepts load capacities of 5 kg

Type	Angle °	Speed range 1/min	Loading wght kg	W × D × H mm	Order No.
10 Duomax 1030 5	5	2-50	5	320×375×185	52 41 32205
10 Duomax 1030 10	10	2-50	5	320×375×185	52 41 32210

Platform shakers, wave

Polymax 1040 – The incubating model

- This model is suitable for the modular incubator system and is recommended for applications which require variable temperature control up to 65°
- 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
- Set and continuously adjust the variable speed on the analog control knob from 2 to 50 rpm – ideal for cell culture 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
- The Polymax 1040 is a medium sized model and accepts load capacities of 5 kg

Polymax 2040 – The resilient model

- Includes all Polymax 1040 features, plus:
- Set and continuously adjust the variable speed on the digital display from 2.5 to 50 rpm – ideal for cell culture plates
- 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
- The Polymax 2040 is a large model and accepts load capacity of 10 kg for high sample throughput

Type	Angle °	Speed range 1/min	Loading wght kg	W × D × H mm	Order No.
11 Polymax 1040 5	5	2-50	5	320×375×195	52 41 42205
Polymax 1040 10	10	2-50	5	320×375×195	52 41 42210
12 Polymax 2040 5	5	2.5-50	10	426×435×208	52 41 40005
Polymax 2040 10	10	2.5-50	10	426×435×208	52 41 40010

Incubator 1000

This truly unique 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
- Electrical heater allows for quick and even temperature distribution throughout the entire enclosure
- 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
- Immediate access: The incubator hood opens instantly and interlocks in any position
- Use ONE incubator for numerous shakers – interchangeability is ensured and takes less than 2 minutes. You can incubate and mix simultaneously or independently

Heating module

- Heating capacity of 300 W allows for quick temperature adjustment
- Digital temperature settings up to 65°C and separate display for actual temperature
- To protect your sample from thermal damages this unit features a safety circuit to prevent overheating
- Electrical heater comes with low – noise blower and provides accuracy of ±2°C up to 50°C and ±4°C over 50°C

Type	W × D × H mm	Order No.
13 Incubator 1000, heating module	170×375×140	52 41 49900
14 Incubation hood, flat	570×390×163	52 41 49904
15 Incubation hood, high	570×390×267	52 41 49903
16 Incubation hood XL, high	570×390×428	10 41 49906



Complete package at a set price

Titramax package

This package includes:

- 1 × vibrating platform shaker Titramax 1000
- 1 × heating module and
- 1 × flat incubator hood

Unimax package

This package includes:

- 1 × orbital platform shaker Unimax 1010
- 1 × heating module and
- 1 × high incubator hood

Article

Order No.

⑰ Set Titramax 1000/heating module/flat hood

52 41 44109

⑱ Set Unimax 1010/heating module/high hood

52 41 43119



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