

Shakers and Mixers, Heidolph

General features

- Temperature-insulated drive, virtually no heat-up of platform
- Timer for unattended operation
- Overheating protection with automatic reset
- 3-year warranty on all Heidolph products

Shakers and mixers, orbital vibration

Reax top / Reax control

- Vibration orbit of 5 mm
- Infinitely variable shaking frequency 0 to 2500 1/min
- Heavy die-cast case and conical feet for stability
- Complete with small plate for tubes up to 20 mm dia.
- A large plate is available for flasks up to 50 ml (see accessories)

Reax control

- Unit with all the above feature
- Plus electronic speed control

Article	Order No.
Reax top, incl. small plate	52 41 41100
① Reax control, incl. small plate	52 41 41110
Holding rod (V2A)	52 41 49200
For 1 tube or flask, with clamp	
Plate, large	52 41 49190
For flasks up to 50 ml	

Multi Reax

The only test tube shaker to accommodate up to 26 vessels with various diameters.

- Circular vibration orbit of 3 mm
- Infinitely variable vibration frequency (150 to 2000 1/min)
- Digital rotation speed setting
- Digital process timer (up to 999 min), and acoustic signal (3 sec)
- Delivery includes 2 vessel attachments
- Attachment for up to 26 vessels (dia. 10 to 16 mm; max. length 160 mm)
- Attachment for up to 12 vessels (dia. 16 to 32 mm; max. length 120 mm)
- Accessories, see Category H
- Long useful life, 3-year warranty

Article	Order No.
② Multi Reax, incl. 2 vessel mounts	52 41 45100
Rotating stand for 26 test tubes (Ø 10 – 16 mm)	52 41 90160
Rotating stand for 12 test tubes (Ø 16 – 32 mm)	52 41 90300

Titramax 100 / 101 / 1000

- For 4 to 6 microtiterplates
- Shaking orbit 1.5 to 3.0 mm
- Shaking frequency 150 to 1350 1/min
- Infinitely variable speed
- Integrated timer for 0 to 120 min
- Motor overheating protection for continuous operation
- Special rubber attachment for the safe accommodation of microtiterplates
- Titramax 1000: can be combined with an incubator

Type	Orbit mm	Speed range 1/min	Qty max. titerplates	W × D × H mm	Order No.
Titramax 100	1.5	100–1350	4	245×310×125	52 41 44112
Titramax 101	3.0	100–1350	4	245×310×125	52 41 44113
③ Titramax 1000	1.5	100–1350	6	320×375×125	52 41 44122

Vibramax 100 / Vibramax 110

- Vibration orbit of 1.5 to 3.0 mm
- Speed range 100 to 2500 1/min
- Infinitely adjustable speed selection
- Integrated timer for 0 to 120 min
- Incl. rubber mat

Type	Orbit mm	Speed range 1/min	Loading wght kg	W × D × H mm	Accessories see category	Order No.
Vibramax 100	3.0	100–1350	2	245×310×125	A	52 41 44212
Vibramax 110	1.5	150–2500	2	245×310×140	B	52 41 44312



①



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Shakers and mixers, orbital

Rotamax 120 / Unimax 1010 / Unimax 2010

- Vibration orbit of 10 or 20 mm
- Speed range 20 to 500 1/min
- 3 models for 2 kg, 5 kg or 10 kg load capacity
- Plate made of anti-slip rubber
- Timer up to 120 min, or continuous operation
- Unimax 1010: digital timer (up to 999 min)
- Unimax 1010: can be combined with an incubator

Type	Orbit mm	Speed range 1/min	Loading wght kg	W × D × H mm	Accessories see category	Order No.
④ Rotamax 120	20	20–300	2	245×310×125	A	52 41 44120
Unimax 1010	10	30–500	5	320×375×125	C	52 41 43123
Unimax 2010	20	20–400	10	415×455×135	D	52 41 42100



Shakers and mixers, reciprocating

Promax 1020 / Promax 2020

- One-dimensional, horizontal motion
- Shaking frequency up to max. 400 1/min
- Two models for 5 or 10 kg load capacity
- Amplitude of 20 or 32 mm
- Timer for up to 120 min, or continuous operation
- Promax 1020: digital timer (up to 999 min)
- Promax 1020: can be combined with an incubator

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



Shakers and mixers, rocking

Duomax 1030

- One-dimensional, vertical motion at a frequency of up to 50 1/min
- Infinitely adjustable and electronically controlled rocking frequency
- Angle of inclination either 5° or 10°
- Timer for up to 120 min, or continuous operation
- Duomax 1030: can be combined with an incubator

Type	Angle °	Speed range 1/min	Loading wght kg	W × D × H mm	Accessories see category	Order No.
Duomax 1030	5	2–50	5	320×375×185	C	52 41 32205
⑥ Duomax 1030	10	2–50	5	320×375×185	C	52 41 32210



Shakers and mixers, wave

Polymax 1040 / Polymax 2040

- Three-dimensional motion at a maximum frequency of 50 1/min
- Two units with 5 or 10 kg load capacity
- Angle of inclination either 5° or 10°
- Infinitely adjustable and electronically controlled wave frequency
- Integrated timer for up to 120 min, or continuous operation
- Polymax 1040: infinitely adjustable speed selection
- Polymax 1040: can be combined with an incubator
- Polymax 2040: digital speed indicator

Type	Angle °	Speed range 1/min	Loading wght kg	W × D × H mm	Accessories see category	Order No.
⑦ Polymax 1040	5	2–50	5	320×375×195	C	52 41 42205
Polymax 1040	10	2–50	5	320×375×195	C	52 41 42210
Polymax 2040	5	2–50	10	415×455×208	D	52 41 40005
Polymax 2040	10	2–50	10	415×455×208	D	52 41 40010



Accessories for shakers

Category A

Article	Order No.
Attachment with 2 clamping rollers	52 41 81000

Category B

Article	Order No.
Test tube attachment for 49 tubes	52 41 82000
Test tube attachment for 36 tubes	52 41 83000



Category C

Article	Order No.
Attachment for max. 22 Erlenmeyer flasks, 25 ml	52 41 72000
Attachment for max. 14 Erlenmeyer flasks, 50 ml	52 41 73000
Attachment for max. 9 Erlenmeyer flasks, 100 ml	52 41 74000
Attachment for max. 5 Erlenmeyer flasks, 250 ml	52 41 75000
Attachment for max. 4 Erlenmeyer flasks, 500 ml	52 41 76000
Attachment for max. 2 Erlenmeyer flasks, 1000 ml	52 41 77000
Attachment with 2 clamping rollers	52 41 70000
Clamping roller	52 41 71000
Attachment for max. 4 separating funnels	52 41 78000

Category D

Article	Order No.
Tray with universal perforation	52 41 59000
Clamp size 1	52 41 51000
For Erlenmeyer flasks 25 ml, max. 36 pcs/tray	
Clamp size 2	52 41 52000
For Erlenmeyer flasks 50 ml, max. 36 pcs/tray	
Clamp size 3	52 41 53000
For Erlenmeyer flasks 100 ml, max. 23 pcs/tray	
Clamp size 4	52 41 54000
For Erlenmeyer flasks 250 ml, max. 12 pcs/tray	
Clamp size 5	52 41 55000
For Erlenmeyer flasks 500 ml, max. 9 pcs/tray	
Clamp size 6	52 41 56000
For Erlenmeyer flasks 1000 ml, max. 5 pcs/tray	
Clamp for separatory funnels size 1	52 41 57000
250 ml max. 4 pcs/tray, 500 ml max. 3 pcs/tray, 1000 ml max. 3	
Clamp for separatory funnels size 2	52 41 61000
2000 ml max. 2 pcs/tray	
Base frame	52 41 50000
Together with tension rollers for fastening random vessels	
Clamping roller for base frame	52 41 58000
Order at least 2	
Assembly parts	52 41 62000
For multi-tier set-up	

Incubator 1000

- Modular system for shaking, mixing and heating all in one
- Flat or high hood
- Short heating up time, no condensation in the system
- Compatible with models Unimax 1010, Promax 1020, Duomax 1030, Polymax 1040, Titramax 1000
- Flip-up hood for easy changing or refilling of vessels

Heating module

- Temperature selection from +5 K above room temperature to 65°C
- Digital display for nominal and actual temperature values
- heating module with fan, heater power 300 W
- Temperature accuracy (± 2 K to 50°C, ± 4 K from 50°C)

Type	W × D × H mm	Order No.
⑧ Incubator 1000, heating module	170×375× 97	52 41 49900
Incubation hood, flat	546×394×163	52 41 49904
Incubation hood, high	546×394×267	52 41 49903

Complete package at a set price

Titramax 1000 shaker and incubator 1000 with heating module and flat hood

Unimax 1010 shaker and incubator 1000 with heating module and high hood

Article	Order No.
Set Titramax 1000/heating module/flat hood	52 41 44109
⑨ Set Unimax 1010/heating module/high hood	52 41 43119



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⑨

