

WOLF LABORATORIES

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Heidolph Shaker Incubator Packages

Titramax Shaking Incubator Package (for use with microplates)

Package includes:

- Vibrating platform shaker, Titramax 1000
- Heating module Incubator 1000
- Flat incubator hood



Package Titramax
P/N 544-12209-00

Unimax Shaking Incubator Package

Package includes:

- Orbital platform shaker, Unimax 1010
- Heating module Incubator 1000
- High incubator hood



Package Unimax
P/N 543-12319-00

See below for information on the individual components of the packages

Shakers

Titramax 1000

6 Microtiterplates - small orbit

- Small vibration orbit of 1.5 mm to prevent contamination even with full wells
- Can be integrated into the Incubator 1000 for reproducible temperature control
- Ability to combine this shaker with the Incubator 1000
- Protection class IP 40



Unimax 1010

Maximum load capacity of 5 kg

- Vibration orbit of 10 mm for gentle circles
- Rotation continuously adjustable from 30 to 500 rpm
- Designed for medium sized vessels
- Analog dial controls for vibration frequency
- Digital process timer allows for unattended operation up to 999 minutes and sends an acoustic signal
- Ability to combine this shaker with the Incubator 1000
- Protection class IP 40



Model	Titramax 1000	Unimax 1010
Motion	vibrating	orbital
Rotation speed (rpm)	150 - 1350	30 - 500
Rotation speed setting	electronic contr.	digital
Orbit (mm)	3	10
Angle (°)	-	-
Operating mode	timer or continuous	timer or continuous
Input power (W)	31	50
Weight (kg)	5.5	8
Dimensions (wxhxd) (mm)	245 x 125 x 310	320 x 125 x 375
Platform size (mm)	220 x 220 space for 6 microtiterplates	290 x 258
Included		non-skid rubber mat
Max. load capacity (kg)	2	5
Overheating protection	self resetting	self resetting
Permissible ambient temperature (°C)	0-50 at 80% relative humidity	0-50 at 80% relative humidity
Protection class (DIN EN 60529)	IP 30	IP 40
Supply voltage	230/240 V/50 Hz	230/240 V/50 Hz

Incubator And Hoods

Incubator 1000

- World-wide unique modular incubator for shaking, mixing and heating all in one
- For superior results in molecular biology, bacteria cultivation and DNA analysis
- Your choice of a flat or high incubator hood for high or small vessels
- Separately controlled heating module for reproducible temperature control
- Incubate and mix simultaneously or independently
- Transparent non-fogging PETG hood allows for easy viewing
- Easy and fast access to vessels
- Compatible with shaker models Unimax 1010, Promax 1020, Duomax 1030, Polymax 1040 and Titramax 1000



Application sample:
Titramax 1000 + heating module + flat hood

Heating module



Heating module
P/N 549-90010-00

Shaking-heating-mixing all in one

- Electrical heater along with a low-noise blower
- Heating power 300 W
- Digital temperature settings from + 5 °C over room temperature to 65 °C
- Temperature accuracy of ± 2 K up to 50 °C
- Temperature accuracy of ± 4 K over 50 °C
- Individual digital display for set temperature and actual temperature
- Temperature regulation with Pt 100 sensor
- Safety circuits prevent overheating
- Designed for continuous use
- Dimensions 170 x 97 x 375 mm
- Protection class IP 30

Flat Hood

For small vessels and culture plates

- Flat incubator hood with total height of 163 mm
- Transparent, non-fogging PETG material for easy viewing
- Immediate and convenient access to vessels
- Recommended especially for microtiter plates, culture plates, small flasks, media bottles and Erlenmeyer flasks up to 100 ml



Flat hood P/N 549-90040-00

High Hood

For high vessels and flasks

- High incubator hood with total height of 267 mm
- Transparent, non-fogging PETG material for easy viewing
- Immediate and convenient access to vessels
- Recommended especially for large flasks and media bottles, Erlenmeyer flasks up to 1000 ml and medium sized or large common vessels

High hood XL - for 2000 ml Erlenmeyer flasks

- Especially recommended for 2000 ml Erlenmeyer flasks, hood comes with a total height of 428 mm



High hood
P/N 549-90030-00
High hood XL (not shown)
P/N 549-90060-00