

Safe

Heating and Mixing




... don't **worry**
about **a thing**

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

Safe Heating and Mixing



- 800 Watt heating power
- Chemically resistant hotplate
- Overtemperature cut off

Short heat up times

Summary:

Your advantages of the MR Series	Page 4-5
Magnetic stirring hotplates	Page 6-8
Contact thermometer EKT Hei-Con	Page 9
Heat-On attachments	Page 10-11
StarFish workstations	Page 12-13
Magnetic stirrers without heating	Page 14
Accessories	Page 15
Complete packages	Page 16



Technical Specifications - Magnetic Stirrers

Model		MR Hei-Mix S	MR Hei-Mix L	MR Hei-Mix D	MR Hei-Standard	MR Hei-Tec	MR Hei-End
P/N	(230 V)	503-02000-00	505-00000-00	505-01000-00	505-20000-00	505-30000-00	505-50000-00
Speed, max.	(rpm)	2,200	1,400	1,400	1,400	1,400	1,400
Speed accuracy	(%)	± 5	± 2	± 2	± 2	± 2	± 1
Display		-	-	digital	-	digital	digital
Analog/digital interface		-	-	-	-	-	yes
Heating power	(W)	-	-	-	800 *	800 *	800 *
Hotplate temperature	(°C)	-	-	-	20 - 300	20 - 300	20 - 300
Medium temperature, max.	(°C)	-	-	-	250	250	250
Accuracy temperature setting	(°C)	-	-	-	± 5	± 1	± 1
External temperature sensor		-	-	-	EKT Hei-Con	EKT Hei-Con	Pt 1000
Temperature accuracy with external temperature sensor	(°C)	-	-	-	± 1	± 1	± 0.2
Sensor breakage protection		-	-	-	with EKT Hei-Con	with EKT Hei-Con	with Pt 1000
Temperature control		-	-	-	electronic	electronic	microprocessor
Temperature accuracy hotplate	(°C)	-	-	-	± 5	± 5	± 5
Safety circuit hotplate	(°C)	-	-	-	25 °C over hotplate temperature	25 °C over hotplate temperature	10 - 25 °C over nominal temperature
Stirring capacity, max. (H ₂ O)	(l)	5	20	20	20	20	20
Load, max.	(kg)	6	25	25	25	25	25
Power consumption	(W)	7	20	20	820	820	825
Permissible ambient temperature	(°C)	0 - 40	0 - 40	0 - 40	0 - 40	0 - 40	0 - 40
Max. relative humidity	(%)	80	80	80	80	80	80
Max. permitted operation	(%)	100	100	100	100	100	100
Plate diameter	(mm)	ø 104	ø 145	ø 145	ø 145	ø 145	ø 145
Plate material		PVDF	V2A	V2A	Kera-Disk® (Silumin with ceramic coating)	Kera-Disk® (Silumin with ceramic coating)	Kera-Disk® (Silumin with ceramic coating)
Weight	(kg)	1.2	2.6	2.6	2.9	2.6	2.6
Dimension l x w x h	(mm)	126 x 140 x 80	173 x 277 x 94	173 x 277 x 94	173 x 277 x 94	173 x 277 x 94	173 x 277 x 94
Protection class	(DIN EN 60529)	IP 21	IP 32	IP 32	IP 32	IP 32	IP 32
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

* 600 W for 115 V-units

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

Kera-Disk® top plate

Fast heat up times and chemical resistance of top plate is no longer a competing relationship. The Kera-Disk® material coating makes this a reality.

Aluminum top plates allow for an immediate heat transfer but are not chemically resistant or scratch proof

Glass ceramic top plates are chemically resistant and scratch proof but produce longer heat up times



Kera-Disk® top plates include the best of two worlds:

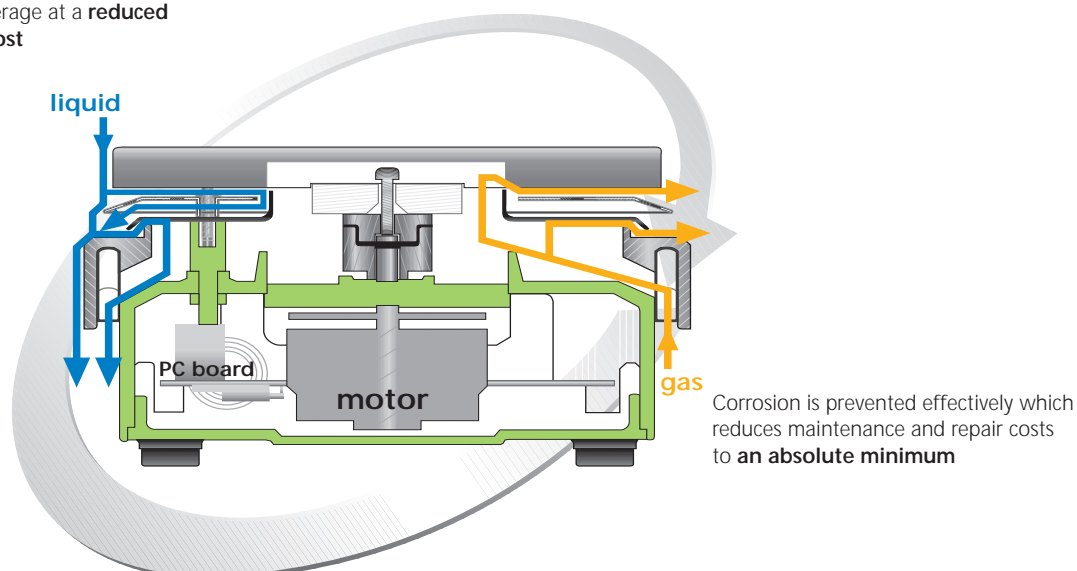
The aluminum top plate allows for immediate heat transfer for quick heat up times and a thin layer of ceramic coating makes the top plates chemically resistant and scratch proof

Sealed housing

Do you require extended performance life and reduced maintenance for your hotplates?

The sealed housing protects your magnetic stirrer from aggressive fumes, liquids and vapors to prevent internal corrosion. This results in an **increased lifespan of 10 years** on average at a **reduced maintenance and repair cost**

Hermetically **sealed housing** protects all mechanical and electronic components from aggressive environments



Corrosion is prevented effectively which reduces maintenance and repair costs to **an absolute minimum**

The hermetically sealed housing that protects the PC board and the motor is marked in **green**.

The way a liquid would take flowing down from the hotplate is marked in **blue**. As one can see, even if the liquid reaches the heat shields, it cannot penetrate to where the PC board or the motor is but will be led outwards.

The **yellow** marked line shows that gas cannot penetrate and get to the PC board and the motor either.

The apparent crack is due to temperature insulation. Because of that crack the temperature inside the magnetic stirrer stays substantially lower by what the durability of the magnetic stirrer is significantly increased.

For protection against liquid and gas, the heating elements are completely embedded in ceramic.

Your advantages - our Hei-lights

For your safety

- To prevent accidents or laboratory fires, all magnetic stirrers feature an **over temperature circuit** which switches off the hotplate if an over temperature situation occurs - in combination with Heat-On attachments you can convert your lab into a "safety zone"
- Thermal damage to the stirrer is impossible. All models come with a **fire resistant** aluminum die-cast housing
- Hotplate **residual heat indicator** in the digital display is illuminated when unit is turned off and hotplate temperature is above 50 °C to warn operator of potential burn hazards
- For your safety the **unit will power off** in case of a short-cut, a damage to the temperature sensor, a motor failure or other incidences during operation

- To protect you from splashes and scalding from bath media, rotation speed **ramps up slowly** until unit has reached the pre-programmed speed
- In case the heating function fails, stirring will not be discontinued to **avoid thermal damage** to your sample
- A separate on/off switch for heating **prevents an unintentional heat up**. If heating is switched on, the on/off button is illuminated for visual control



For your ease of use

- All units with digital display allow for easy setting and monitoring values on the **illuminated read out**



- You can even **work with dry ice** - a robust thermal insulation prevents corrosion inside the housing by preventing condensate collecting and dripping on any electronic components
- An optional **software** program is available for the MR Hei-End to aid you in **automating your process**, and software saves all data in electronic files
- The unique Kera-Disk® coating is extremely chemically resistant and scratch proof and can be **cleaned easily** if solvents, oil or other contaminations are spilled on the plate
- The strong magnetic field allows for **stirring** of even higher **viscosity media with ease**

Sustainable economic benefits - increased efficiency

- **Reduce your process times!** The extended heating capacity of 800 W reduces your heat up time by 35 % compared to other units at 600 W
- The sealed housing protects the electronics and the non maintenance of sparkless motors **reduce down times**
- The design and features give an **increased lifespan of 10 years** along with significantly **reduced maintenance and repair costs**

Magnetic stirring hotplates

Preferred use of MR Series magnetic stirrers includes smooth to intense mixing and heating of low-viscosity fluids. Your first choice for decomposing organic and inorganic substances.

Include all standard features for safety, ease of use and increased efficiency plus

- The hotplate reaches a maximum temperature of 300 °C and due to the 800 W heating power in a significantly reduced time
- Safety circuits avoid an overheat situation of your hotplate: If the temperature overshoots the heating will be powered off immediately
- The strong magnetic field allows for stirring of even higher viscosity media or stirring a volume of 20 liters of water with ease
- Variable speed is adjustable from 30 to 1,400 rpm at an accuracy of $\pm 1\%$ for gentle mixing



Convert your magnetic stirrer over to a time saving multiple reaction workstation



By far the safest, fastest and most time efficient method to heat and stir a sample in a round bottom flask



MR Hei-Standard

Model for standard applications without display



MR Hei-Standard
P/N 505-20000-00

- For your protection, an independent safety circuit will switch off heating if hotplate temperature goes above 25 °C of set temperature
- Upgrade this magnetic stirrer with the optional digital thermometer, EKT Hei-Con, that provides precise temperature control to give you temperature overshoot protection and reproducible results
- A separate on/off switch for heating prevents an unintentional heat up. If heating is switched on, the on/off button is illuminated for visual control
- Large analog knobs allow for convenient speed setting from 100 to 1,400 rpm at an accuracy of 2 % and temperature setting up to 300 °C

MR Hei-Tec

Model for higher requirements and reproducible results



MR Hei-Tec
P/N 505-30000-00

- This unit features a digital display and allows for easy setting and monitoring values on the illuminated read out
- For your protection, an independent safety circuit will switch off heating if hotplate temperature goes above 25 °C of set temperature
- Digital speed setting from 100 to 1,400 rpm at an accuracy of 2 % and temperature setting up to 300 °C
- A separate on/off switch for heating prevents an unintentional heat up. If heating is switched on, the on/off button is illuminated for visual control
- Upgrade this magnetic stirrer with the optional digital thermometer, EKT Hei-Con, that provides precise temperature control to give you temperature overshoot protection and reproducible results

MR Hei-End

Model for highest safety



MR Hei-End
P/N 505-50000-00

- An independent safety circuit switches off heating at an operator pre-programmed temperature value between 10 - 25 °C above your set temperature
- Additional operational safety step is required to change parameters which prevents unwanted changes to the actual setting
- Digital display allows for easy setting and monitoring values on the illuminated read out. Speed setting from 30 to 1,400 rpm at an accuracy of 1 % and temperature setting up to 300 °C
- Hotplate residual heat indicator in the digital display illuminates when unit is turned off and hotplate temperature is above 50 °C to prevent accidental operator injury
- To protect your sample from overheating, a safety circuit switches off heating if the temperature sensor is not immersed in your media vessel
- A separate on/off switch for heating prevents an unintentional heat up. If heating is switched on, the on/off button is illuminated for visual control

Software

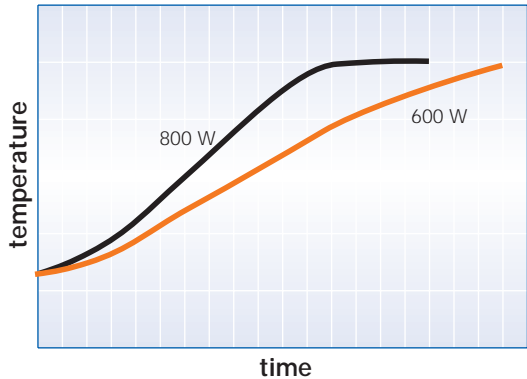
- Utilize the optional software to control and document the entire process. Unit features a digital RS 232 and analog interface for connecting the optional software easily



Hei-PC-Control MR Hei-End Software
P/N 592-50500-00

Heat up graph

- Take advantage of a built-in PID controller that ensures fastest heat up times while preventing an over temperature situation of your sample



Contact thermometer EKT Hei-Con

Medium temperature control made easy

- For precise temperature control we recommend the optional **EKT Hei-Con** which is suitable for the **MR Hei-Standard** and **MR Hei-Tec** models
- Take advantage of the built-in Fuzzy-Logic controller that ensures the fastest heat up while preventing an over temperature situation
- Works efficiently in a very hot environment or under steamy conditions
- Double-spaced digital display for convenient monitoring of the illuminated read out
- By the press of the MAX-button you can see the over temperature at which the unit for safety reasons will power off
- All heating settings of the hotplate will be indicated on the EKT Hei-Con display
- To make troubleshooting easy, a sensor feature signals if any short-circuit or breakage occurs on the display to inform operator of disruption
- Equipment automatically switches off heating if temperature sensor is not in contact with the media in the vessel

Accessories

- Temperature sensors are available in two different options: stainless steel or glass coated sensor for improved chemical resistance
- Please order stay bar and temperature sensor holder separately



EKT Hei-Con
stainless steel sensor
P/N 509-88000-00

EKT Hei-Con G
glass coated sensor
P/N 509-88100-00

Contact thermometer EKT Hei-Con

Temperature range	(°C)	-50 to +300
Resolution	(°C)	1
Accuracy of measurement	(°C)	± 1
Measuring cycle	(sec)	1.5
Control accuracy	(°C)	± 0.5
Temperature sensor EKT Hei-Con		Pt 1000, V2A
Temperature sensor EKT Hei-Con G		Pt 1000, glass
Sensor length	(mm)	210

Cable length	(mm)	700
Min. immersion depth	(mm)	20
Ambient temperature range	(°C)	-5 to +60
Housing		Polyamide
Weight	(kg)	0.3
Dimension l x w x h	(mm)	54 x 22 x 126
Protection class	(DIN EN 60529)	IP 40
Power supply	(V)	8 -15

Heat-On attachments

Is safety at work and fire prevention from oil baths or heating mantles a priority in your lab?
Do you want to minimize the messy oil clear ups from changing oil or removing flasks from an oil bath?

Our attachments are by far the safest, fastest and most efficient method for heating and mixing solutions in round bottom flasks from 10 ml to 5 liter.

Heat-On aligns accurately to every flask insuring maximum surface contact and fast heat transfer.
Eliminates the mess from cleaning flasks after removing from an oil bath or hazardous spills when an oil bath slips off a stirring plate. As a result oil as a heat transfer media is made redundant and your lab is a safer place with the Heat-On block system.

For your safety

- Prevents accidents, fires and contamination by completely banning all oil baths from your laboratory
- This unique design prevents glass breakage and protects you from spilled chemicals or solvents
- The high temperature range provides unlimited safety for applications up to 260 °C

For your ease of use

- A unique PFA coating on the aluminum Heat-On body allows for superior chemical resistance and many years of service life
- Control temperature precisely inside the vessel or on the heating block with a thermocouple port that provides actual block temperature back to your MR Series hotplate



Sustainable economic benefits - increased efficiency

- Increase your daily work throughput significantly and reduce your over all process times by quick changing of Heat-On blocks
- 1,000 ml of water heats up 66 % faster than conventional oil baths
- 250 ml of water boils in less than 11 minutes

Flask Volume	Volume of Water	Hotplate Temperature	Time to reach boiling
10 ml	6 ml	300 °C	6.8 mins
25 ml	15 ml	300 °C	8.0 mins
50 ml	30 ml	300 °C	8.5 mins
100 ml	60 ml	300 °C	8.8 mins
150 ml	100 ml	300 °C	10.0 mins
250 ml	150 ml	300 °C	10.8 mins
500 ml	300 ml	300 °C	16.4 mins
1,000 ml	600 ml	300 °C	21.1 mins
2,000 ml	1,200 ml	300 °C	35.1 mins
5,000 ml	3,000 ml	300 °C	75.5 mins

Heat-On Blocks

Each Heat-On block is a stand-alone product that can be placed directly onto the stirring hotplate

Heat-On 250 ml Block	505-80067-00
Heat-On 250 ml Block with flask sidearm cutouts	505-80067-01
Heat-On 500 ml Block	505-80069-00
Heat-On 1 Liter Block	505-80071-00
Heat-On 2 Liter Block	505-80073-00
Heat-On 3 Liter Block	505-80075-00
Heat-On 5 Liter Block	505-80076-00



Multi-Well Holder and Inserts

This unique Multi-Well Holder is designed to hold either one or two inserts for flasks*.
The inserts are available for 10 ml, 25 ml, 50 ml, 100 ml and 150 ml flasks. Flask inserts also feature cut-away sides for use with two or three neck flasks and accept the optional safety lifting handles.

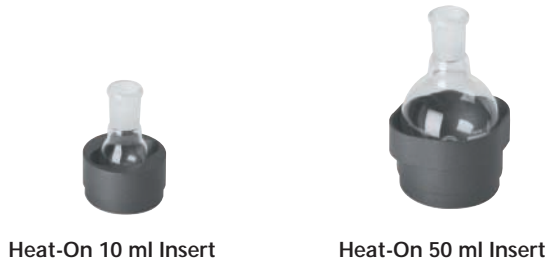
*Only accepts one 150 ml insert

Inserts for Multi-Well Holder

Heat-On 10 ml Insert	505-80061-00
Heat-On 25 ml Insert	505-80062-00
Heat-On 50 ml Insert	505-80063-00
Heat-On 100 ml Insert	505-80064-00
Heat-On 150 ml Insert	505-80065-00

Heat-On Multi-Well Packages

Package Heat-On Multi-Well Basic including 1x Multi-Well holder and 3 inserts for 25, 50 and 100 ml flasks	505-81300-00
Package Heat-On Multi-Well including 1x Multi-Well holder and 6 inserts, 2 each for 25, 50 and 100 ml flasks	505-81200-00



Heat-On Accessories

Support Rod	509-97000-00
Retort Clamp	505-81075-00
Boss Head	570-31100-00
Flask Stand & Clamp Kit (including Support Rod, Retort Clamp, Boss Head)	505-81400-00
Adapter Plate for 135 mm hotplate	505-81000-01



StarFish workstations

Have you always been looking for a means to perform numerous reactions on a small footprint to significantly reduce space and process times?

Turn your magnetic stirrer with our attachments into an efficiency increasing reaction station for up to 45 samples simultaneously

Upgrade your magnetic stirrer to a product with multiple capabilities; starting from simple heating and mixing tasks including chemical reactions, concentrations, extractions under vacuum and by providing protective gas

No special glassware purchase required - use your own glassware and cherry-pick the appropriate attachments for your applications

Base Plate

Base Plate with optional handles fits securely on to the top plate, maintaining good thermal contact with the heated surface

StarFish Base Plate (145 mm)	505-81000-00
StarFish Base Plate Handles (Pair)	505-81001-00



MonoBlocks

MonoBlocks are single blocks with multiple wells all of the same size and are ideal for experiments using the same vessel

MonoBlock for 5 x 250 ml Flasks	505-80001-00
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Inserts for MonoBlock 5 x 250 ml

150 ml Flask Insert	505-80040-00
100 ml Flask Insert	505-80041-00
50 ml Flask Insert	505-80042-00
25 ml Flask Insert	505-80043-00
10 ml Flask Insert	505-80044-00
5 ml Flask Insert	505-80045-00

MonoBlock for 16 x 25 mm Tubes	505-80002-00
MonoBlock for 16 x 24 mm Tubes	505-80003-00
MonoBlock for 40 x 16 mm Tubes	505-80004-00
MonoBlock for 40 x 12 mm Tubes	505-80005-00

MonoBlock for 16 x 28 mm Vials	505-80006-00
MonoBlock for 20 x 21 mm Vials	505-80007-00
MonoBlock for 40 x 17 mm Vials	505-80008-00
MonoBlock for 40 x 15 mm Vials	505-80009-00
MonoBlock for 40 x 12 mm Vials	505-80010-00

Numerous combinations

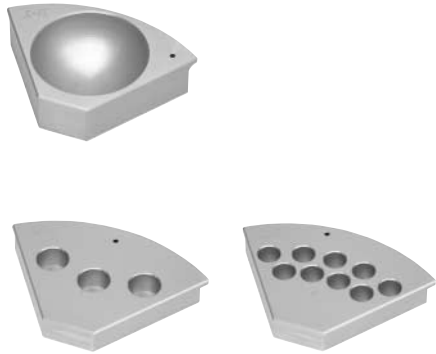
Cherry-pick from different PolyBlock options in different sizes or one MonoBlock system for identical round bottom flasks or vials. In addition you can choose from a large selection of inserts ranging from 5 ml to 150 ml



PolyBlocks

PolyBlocks are smaller segments (5 per StarFish) which can be mixed to accommodate any combination of vessels; allowing the use of different vessel types and sizes at the same time

PolyBlock for 1 x 250 ml Flask	505-80020-00
PolyBlock for 3 x 25 mm Tubes	505-80021-00
PolyBlock for 3 x 24 mm Tubes	505-80022-00
PolyBlock for 9 x 16 mm Tubes	505-80023-00
PolyBlock for 9 x 12 mm Tubes	505-80024-00
PolyBlock for 3 x 28 mm Vials	505-80025-00
PolyBlock for 3 x 21 mm Vials	505-80026-00
PolyBlock for 7 x 17 mm Vials	505-80027-00
PolyBlock for 9 x 15 mm Vials	505-80028-00
PolyBlock for 9 x 12 mm Vials	505-80029-00



Universal 5-way Clamps

The StarFish clamp allows you to hold glassware of virtually any size and comes with a choice of Silicone rubber or Velcro support straps. Each clamp features 5 telescopic arms which can be extended and locked in place to suit your needs. Using different straps on separate clamps allows you to grip the flask neck with the Silicone rubber strap for lifting, whilst the condenser above slides through the Velcro strap



5-way Clamp
(Velcro)
P/N 505-81010-00

5-way Clamp
(Silicone strap and handle)
P/N 505-81020-00

Water Distribution Manifold

Allows coolant from a single source to be evenly distributed to up to five condensers and then the flow re-combined to one outlet pipe. Two manifolds are used in each set-up, one to distribute water to the condensers and one to collect coolant for recirculation or to drain. Connectors feature leak-proof shut-off valves



Water Manifold
with connector
P/N 505-81030-00

Gas/Vacuum Distribution Manifold

Allows gas or a vacuum from a single source to be evenly distributed to up to five positions or vessels (does not control or regulate gas/vacuum flow). Connectors feature leak-proof shut-off valves



Replacement Self Adhesive Velcro Pads, 200 mm (pack of 10)	P/N 505-81070-00
Replacement Velcro Loop Strips, 200 mm (pack of 5)	P/N 505-81080-00
Replacement Silicone Straps, 200 mm (pack of 5)	P/N 505-81090-00
650 mm, Support Rod	P/N 505-81050-00
650 mm, Support Split Rod	P/N 505-81060-00

Gas/Vacuum Manifold
with connector
P/N 505-81040-00

Magnetic stirrers without heating

For gentle stirring in biology and microbiology applications

Hei-Mix D / Hei-Mix L

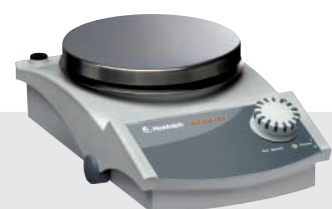


- Top plate is insulated from the motor and protects your heat sensitive samples from any thermal damage
- To treat your sample gently and protect it from damage the rotation speed ramps up slowly until it has reached the pre-programmed speed
- Top plate diameter of 145 mm and a speed range from 100 to 1,400 rpm is ideal for quantities up to 20 liter
- Hermetically sealed housing prevents corrosion and increases the service life of your unit
- You can even work with dry ice - a robust thermal insulation prevents corrosion inside the housing minimizing any dripping of condensate on the electronic components
- These models comes with a top plate material of finest quality stainless steel

Hei-Mix S



- Stir quick and efficiently with an extended speed range up to 2,200 rpm
- Long lasting polyamide housing and PVDF top plate material
- Ideal for titrations due to white colored top plate
- Space saving unit for efficiently mixing sample sizes up to 5 liter. Small footprint of 126 x 80 x 140 mm only, and the top plate comes with a diameter of 104 mm



MR Hei-Mix L (without display)
P/N 505-00000-00



MR Hei-Mix D
P/N 505-01000-00



MR Hei-Mix S
P/N 503-02000-00

Accessories



1 L Heating Bath
PTFE coated
P/N 504-93100-00



2 L Heating Bath
PTFE coated
P/N 504-92100-00



4 L Heating Bath
PTFE coated
P/N 504-91100-00



1 L Heating Bath for Oil
max. temperature 250 °C
P/N 504-93000-00



2 L Heating Bath for Oil
max. temperature 250 °C
P/N 504-92000-00



4 L Heating Bath for Oil
max. temperature 250 °C
P/N 504-91000-00



Concave Block Adapter
for 1 L round bottom flasks
P/N 504-94000-00



Temperature Sensor Holder
for EKT Hei-Con or Pt 1000
P/N 509-67000-00



Heating Bath Fluid 5 L
for up to 240 °C, mixable
with water
P/N 515-31000-00



Pt 1000 Temperature Sensor -
glass coated
for model: MR Hei-End
P/N 509-67920-00
Pt 1000 Temperature Sensor -
stainless steel
for model: MR Hei-End
P/N 509-67910-00



Support Rod
for temperature sensor
length: 425 mm, Ø 13 mm
material: stainless steel
P/N 509-81000-00
Support Rod for
4 L Heating Bath
P/N 509-97000-00



Holding Device MR Hei
for safe fixation on lab
frames to gain extra lab space.
Comes with clamp as standard.
P/N 509-96000-00



Silicone Protective Cover
Flexible and chemically resistant
protection against splashes and dripping
water for MR Hei-Mix D, MR Hei-Mix
L, MR Hei-Tec and MR Hei-End
P/N 23-07-06-05-59
for MR Hei-Standard
P/N 23-07-06-05-63



Stirring Bars,
cross shape



Stirring Bars,
oval shape



Stirring Bars,
elliptical shape

Stirring Bars

Stirring Bars - cylindrical shape (25, 40, 50 mm each)	509-56000-00	Stirring Bars - oval shape (15x6 mm) pack of 3 pcs. for 10 ml flasks	509-53000-00
Stirring Bars - cross shape (10 mm) pack of 40 pcs. for 5 to 10 ml flasks	509-58400-00	Stirring Bars - oval shape (25x10 mm) pack of 3 pcs. for 25 to 50 ml flasks	509-54000-00
Stirring Bars - cross shape (16.5 mm) pack of 20 pcs. for 25 to 50 ml flasks	509-58500-00	Stirring Bars - oval shape (30x10 mm) pack of 3 pcs. for 100 to 250 ml flasks	509-55000-00
Stirring Bars - elliptical shape (25 mm) pack of 10 pcs. for 100 to 400 ml flasks	509-58600-00	Stirring Bars - oval shape (40 mm) pack of 5 pcs. for 500 to 1000 ml flasks	509-58100-00
Stirring Bars Evaluation Kit pack of 10	509-58300-00	Stirring Bars - oval shape (50 mm) pack of 5 pcs. for 2000 ml flasks	509-58200-00

Complete packages at a special price

Package MR Hei-Standard

This package includes:

- Magnetic Stirrer MR Hei-Standard
- EKT Hei-Con with temperature sensor
- Support Rod for EKT Hei-Con
- Clamp for temperature sensor

P/N 505-20090-00

Packages Heat-On

Package MR Hei-Tec Multi-Well

This package includes:

- Magnetic Stirrer MR Hei-Tec
- EKT Hei-Con with temperature sensor
- Support Rod for EKT Hei-Con
- Heat-On Multi-Well system including Multi-Well Holder and the following inserts: 2 x 25 ml, 2 x 50 ml, 2 x 100 ml
- 2 x Retort Clamp, 2 x Boss Head

P/N 505-81600-00

Package MR Hei-Standard Multi-Well

This package includes:

- Magnetic Stirrer MR Hei-Standard
- EKT Hei-Con with temperature sensor
- Support Rod for EKT Hei-Con
- Heat-On Multi-Well system including Multi-Well Holder and the following inserts: 2 x 25 ml, 2 x 50 ml, 2 x 100 ml
- 2 x Retort Clamp, 2 x Boss Head

P/N 505-81500-00

Package StarFish

Package MR Hei-End Multi Workstation

This package includes:

- Magnetic Stirrer MR Hei-End
- Temperature Sensor Pt 1000
- Base Plate
- MonoBlock for 5 x 250 ml Flasks
- 2 x 100 ml Flask Insert
- 2 x 50 ml Flask Insert
- 1 x 25 ml Flask Insert
- 5-way Clamp (Velcro Strap)
- 5-way Clamp (Silicone Strap & Long Handle)
- 2 x Water Manifold
- 1 x Gas/Vacuum Manifold
- 650 mm Split Rod

P/N 505-81100-00



Summary of all magnetic stirrers

For all standard applications in chemistry labs with or without additional thermometer for precise temperature control



MR Hei-Standard with EKT Hei-Con

The safe and clean option to common oil baths - by far the fastest way to heat and mix solutions in round bottom flasks



MR Hei-Tec with Heat-On attachment

Upgrade your magnetic stirrer to a multiple experiment workstation. Increase efficiency and reduce process times supported by fast heating, protective gas and vacuum capabilities



MR Hei-End with StarFish workstation

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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