

# Hei-Control Software

With the Hei-Control software, Hei-Connect magnetic stirrers and Hei-TORQUE Ultimate overhead stirrers can be actuated simultaneously to automate and to reproduce their processes. It enables the programming and visualization of process parameters as well as the export of captured data.

Use the free software to

- Program process parameters and ramps
- Read out process sequences in the software and save them
- Reload saved settings for reproducible results
- Control up to 4 devices simultaneously

Compatible with the  
**Hei-Connect magnetic stirrer** and  
**Hei-TORQUE Ultimate overhead**  
stirrer models



Download the Hei-Control software  
free of charge from [www.heidolph.com](http://www.heidolph.com)

# Hei-PLATE Magnetic Stirrer

## Homogeneous Stirring

The robust magnetic stirrers of the Hei-PLATE series were developed to mix low-viscosity liquids optimally – from gently to intensively.

They are ideally suitable for the homogenization of organic and inorganic materials. The premium devices offer leading safety standards and optimum ease of use. 800 W heating power (for 230-V models) and the special Kera-Disk® plate with aluminum core enable the shortest heating phases and a reduced cost of ownership.





## Leading Safety Standards

- Multiple independent safety mechanisms monitor the ongoing process. In the event of an error, the heating plate is switched off automatically
- If combined with Heat-On blocks, there is no need to use oil
- All models are equipped with a visual residual heat indicator to prevent burns
- For safety reasons, the relevant functions are switched off completely in the event of a short-circuit, temperature sensor break, defective motor and in case of a processor fault
- Unwanted heating is prevented by separate activation of the heating function. The activated heating function can be clearly identified by the illumination of the button or the rotary knob (depending on the model)
- To prevent any splashing, the rotation speed ramps up slowly until it has reached the desired value
- Damage to the device is impossible even at the highest temperatures – all models are equipped with a fire-resistant die-cast housing
- The integrated PID controller ensures precise reaching of the target temperature



## Superior ease of use

- The unique Kera-Disk® coating is extremely resistant to chemicals and scratches. The plate is therefore easy-care and dirt can be removed easily
- The powerful stirring magnet allows the stirring rod to be safely entrained even with larger quantities of up to 20 l
- If the hotplate fails, the stirring process is not interrupted. This prevents the sample from overheating
- Efficient (low temperature) thermal insulation prevents condensation in the housing and thus the contact between condensation water and electronic components
- On devices with a display, all parameters can be read from the large, illuminated display, even from a greater distance







## Reduced Cost of Ownership

- Clearly shorter process times. The high heating power of 800 watts enables significantly faster heating times in comparison to conventional magnetic stirrers with 600 watts
- Thanks to its aluminum core, the patented Kera-Disk® heating plate ensures the fastest heating up times. Due to the resistant ceramic coating, the plate is chemical-resistant and scratch-proof
- Corrosion-protected electronics add many years to the operational lifespan and reduce expenditure for new purchases
- Wear- and maintenance-free motors save repair and spare part costs
- The average use period is over 10 years and therefore makes its acquisition a worthwhile investment
- A high IP protection class and a closed housing ensure a long life with low repair susceptibility



MADE IN  
GERMANY

## All Benefits at a Glance

**3-year warranty on all devices and an average operational lifespan of 10 years**

## Safe Heating and Mixing

With the free Hei-Control software for the Hei-Connect, process parameters can be controlled and stored via a PC

The patented Kera-Disk® heating plate ensures the fastest heating times; an extremely thin ceramic coating makes the plate chemical-resistant

The closed housing protects the electronic and mechanical components of the magnetic stirrer from aggressive media and fumes

In the event of a heating plate failure, the stirring process is NOT interrupted; this prevents overheating of the sample

Multiple independent safety mechanisms monitor the ongoing process and switch off the heating plate in the event of an error or fault

In the event of a short-circuit, sensor break of the temperature sensor and a processor fault, the device completely switches off the relevant functions

Damage to the device is excluded, even at the highest temperatures – the models have a fireproof die-cast housing

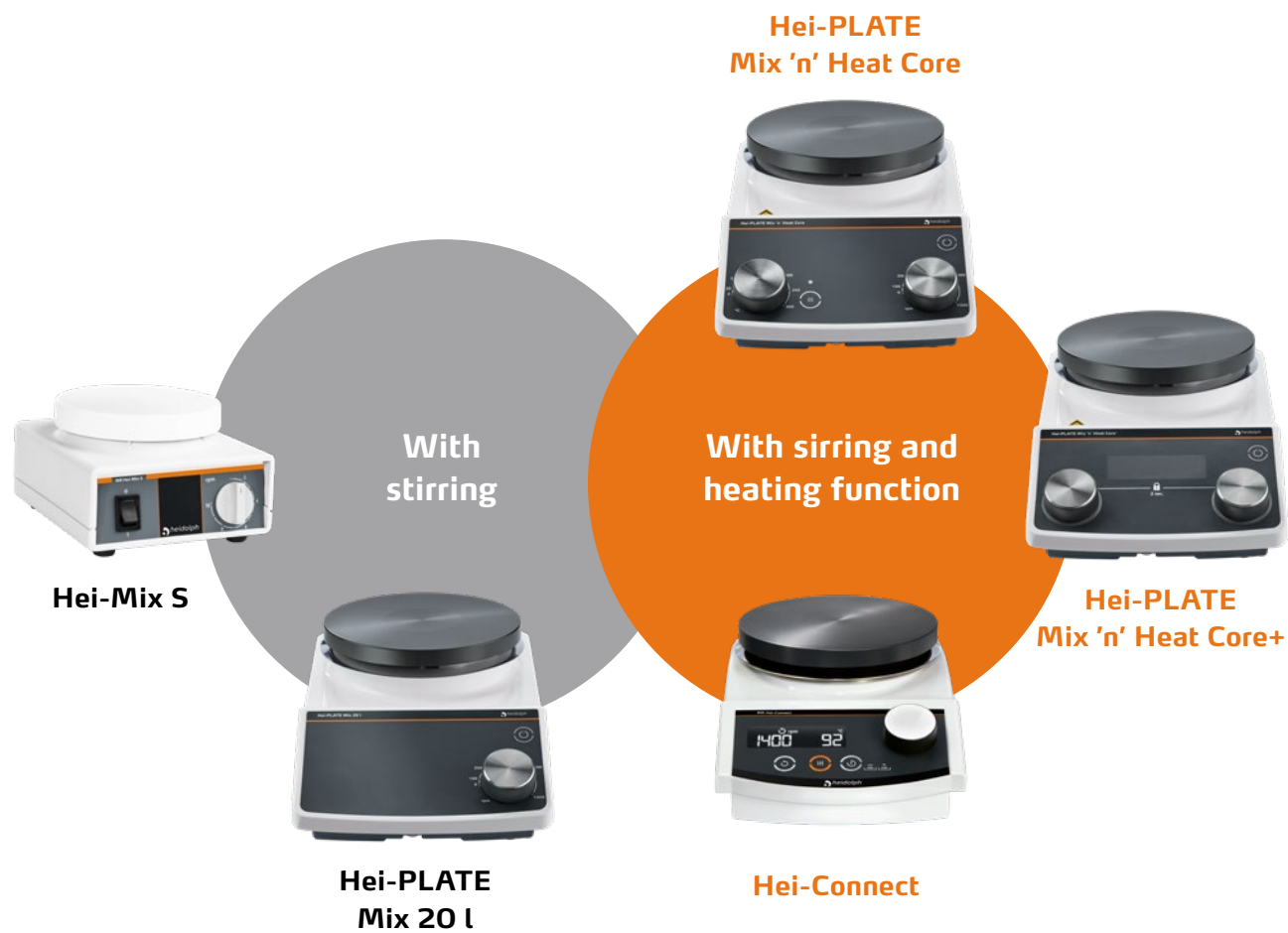
A separate On/Off button for the heating function prevents unwanted heating. The activated heating function is clearly detectable. In addition, a residual heat indicator effectively protects against burns after the heating function has been switched off

A heating power of 800 watt means significantly faster heating times compared to magnetic stirrers with 600 watt.



# The Hei-PLATE series

Whether with or without a heating function, all our magnetic stirrers have one thing in common: A gentle and yet powerful stirring function, which enables up to 20 liters of low-viscosity media to be mixed.



- Absolutely robust and durable
- Leading safety standards and superior ease of use
- Top chemical resistance and fastest heating times due to the patented Kera-Disk® plate

## Magnetic stirrers

### Hei-Mix S

For biology and biochemistry stirring tasks

- With space-saving polyamide housing
- The white PVDF top plate is ideally suited for titration and has a diameter of 104 mm
- The speed range of up to 2,200 rpm is sufficient for applications up to 5 l



### Hei-PLATE Mix 20 l

For large stirring tasks

- Due to the Kera-Disk® ceramic coating, the top plate is chemical-resistant and scratch-proof
- In order to handle the sample gently, following a soft start, the speed is slowly increased to the required value
- Ideal for applications up to 20 l, as the diameter of the plate is 145 mm and the speed range extends from 100 to 1,400 rpm



Model	P/N
Hei-Mix S	503-02000-00
Hei-PLATE Mix 20 l	506-54100-00

Magnetic stirrer with heating function

Hei-PLATE Mix 'n' Heat Core

For easy and safe entry level



- **Innovative product design:** Underside with grip; flattened edges, which discharge liquids from the device; enlarged safety distance of the control elements from the heating plate, enclosure tested to IP 42
- Two rotary knobs with scale make adjustment of the speed between 100 and 1,400 rpm easier, with a speed accuracy of  $\pm 2\%$  and the max. temperature of 300 °C
- A separate button for the heating function prevents unwanted heating. The button illumination indicates the activated heating function
- Flashing of the heating button signals residual heat and thus also effectively warns to protect against burns even after the heating function is switched off

Available from mid-2022

Model	Heating plate	P/N
Hei-PLATE Mix 'n' Heat Core	Ø 145 mm	506-11100-00

Combinable with the Hei-Con electronic contact thermometer (optional) for even more precision when setting the values.

Hei-PLATE Mix 'n' Heat Core+

For academic standards with temperature sensor

Precise setting options and monitoring of the device parameters via the digital display and connection for the external Pt 1000 temperature sensor.

Precise values without temperature fluctuations are achieved with the optional Pt 1000 temperature sensor.



- Fast access and activation of the heating and stirring function due to the separate rotary-pressure controller for intuitive setting of the parameters – precise or large jumps between 100 and 1,400 rpm and the maximum temperature of 300 °C
- The controller's locking function protects against accidental adjustment
- The values in the illuminated display are easy to read even from a distance. Activated functions are easily detectable due to the LED rings
- Flashing of the orange LED ring signals residual heat and thus also effectively warns to protect against burns even after the heating function is switched off
- Fast and precise temperature control via the connection of an optional external temperature sensor and two selectable heating modes (FAST and PRECISE)
- To protect the sample, the external sensor monitoring switches off the heating automatically if the temperature sensor is no longer immersed in the medium

Model	Heating plate	P/N
Hei-PLATE Mix 'n' Heat Core+	Ø 135 mm	506-22100-00
Hei-PLATE Mix 'n' Heat Core+	Ø 145 mm	506-21100-00



# Hei-Connect

## For comprehensive process documentation and reproducible results

For exact process documentation with precise setting option and monitoring of the device parameters via the digital display and connection for the Pt 1000 temperature sensor.

- With connection for the optional Pt 1000 temperature sensor for precise values without temperature fluctuations
- All values can be easily read on the illuminated display even from a distance
- Illuminated buttons indicate activated functions
- The speed can be set precisely via the rotary knob from 100 to 1,400 rpm with a speed accuracy of  $\pm 2\%$  and a max. temperature of 300 °C
- An independent safety circuit switches off the heating to protect against overheating if the set temperature is exceeded by 25 °C
- To protect the sample, the external sensor monitoring switches off the heating automatically if the temperature sensor is not immersed in the medium
- With the timer function, process times for the heating and rotation functions can be defined separately; an acoustic signal sounds at the end of the process
- Residual heat indicator effectively protects from burns



Model	P/N
Hei-Connect	505-40000-00
Hei-Connect	with Pt 1000 temperature sensor 505-40081-00

Reproducible results through programming of ramps and interval processes. With RS 232 interface for detailed process documentation directly on the PC.

Timer function

The Hei-Control software is included in the scope of supply and is available to download for free at [www.heidolph.com](http://www.heidolph.com)

# Technical Specifications

## Magnetic stirrers

Model	Hei-Mix S	Hei-PLATE Mix 20 L
Speed range	0–2.200 rpm	100–1.400 rpm
Speed accuracy	±5 %	±2 %
Drive	Shaded pole motor	EC motor, left-handed
Overheat protection	–	–
Operating mode	Continuous operation	Continuous operation
Power input	7 W	20 W
Connection	L+N+PE	L+N+PE
Sound pressure level	IEC 61010<70 dB (A)	<50 dB (A)
Display	–	–
Analog / digital interface	–	–
Heating power	–	–
Heating temperature range	–	–
Heating control	–	–
Accuracy temperature setting	–	–
Sensor connection	–	–
Control accuracy hotplate	–	–
Residual heat indicator	–	–
Timer	–	–
Max. stirring capacity	H <sub>2</sub> O5 l	20 l
Max. load	6 kg	25 kg
Usable area of heating plate	Ø104 mm	145 mm
Top plate material	PVDF	Kera-Disk® aluminum alloy, coated
Weight	1.1 kg	3.0 kg
Dimensions	w/d/h126×140×80 mm	168×299×101 mm
Maximum height above sea level	up to 2,000 mamsl	up to 2,000 mamsl
Admissible permissible ambient conditions	5–31 °C at up to 80 % rel. humidity, 32–40 °C at up to 50 % rel. humidity (linearly reducing)	5–31 °C at up to 80 % rel. humidity, 32–40 °C at up to 50 % rel. humidity (linearly reducing)
EMC class		B, Group 1
Overvoltage category		II
Protection class	IEC 61140	I
Degree of protection	IEC 60529IP 21	IP 42

Standard supply voltage: 230 V. Other supply voltages on request.

# Technical Specifications

## Magnetic stirrers with heating function

Hei-PLATE Mix 'n' Heat Core	Hei-PLATE Mix 'n' Heat Core+	Hei-Connect
100–1.400 rpm	100–1.400 rpm	100–1.400 rpm
±2 %	±2 %	±2 %
EC motor, left-handed	EC motor, left-handed	EC motor
–	–	no, but error message
Continuous operation	Continuous operation	Continuous operation
825 W	825 W	825 W
L+N+PE	L+N+PE	L+N+PE
<50 dB (A)	<50 dB (A)	<70 dB (A)
–	LCD display	digital
–	–	digital (RS 232)
800 W	800 W	800 W
20–300 °C	20–300 °C	20–300 °C
PID	PID	Micro controller
–	±1 K	±1K with sensor
EKT Hei-Con	Pt 1000	Pt 1000
±5 °C	±5 °C	±5 °C
yes	yes	yes
–	–	yes
20 l	20 l	20 l
25 kg	25 kg	25 kg
145 mm	135 /145 mm	145 mm
Kera-Disk® aluminum alloy, coated	Kera-Disk® aluminum alloy, coated	Kera-Disk® aluminum alloy, coated
3.0 kg	3.0 kg	2.9 kg
168×299×101 mm	168×299×101 mm	173×277×94 mm
up to 2,000 mamsl	up to 2,000 mamsl	up to 2,000 mamsl
5–31 °C at up to 80 % rel. humidity, 32–40 °C at up to 50 % rel. humidity (linearly reducing)	5–31 °C at up to 80 % rel. humidity, 32–40 °C at up to 50 % rel. humidity (linearly reducing)	5–31 °C at up to 80 % rel. humidity, 32–40 °C at up to 50 % rel. humidity (linearly reducing)
B, Group 1	B, Group 1	
II	II	
I	I	I
IP 42	IP 42	IP 32

Standard supply voltage: 230 V. Other supply voltages on request.

Accessories for Magnetic Stirrers



<b>Heating bath<sup>1</sup></b>		
1l	PTFE coated	504-93100-00
2l	PTFE coated	504-92100-00
4l	PTFE coated	504-91100-00



<b>Heating bath for oil<sup>1</sup></b>		
1l	max. temperature 250 °C	504-93000-00
2l	max. temperature 250 °C	504-92000-00
4l	max. temperature 250 °C	504-91000-00



<b>Concave block adapter<sup>1</sup></b>		
For 1 l round-bottom flasks		504-94000-00



<b>Magnetic stirring bars</b>		
PTFE coated		
<b>cylindrical</b> 25, 40, 50 mm	1 piece each	509-56000-00
<b>Cross shape 16.5 mm</b> For 25–50 ml flask	Pack of 20	509-58500-00
<b>Evaluation kit for round-bottom flask</b> cross-shaped 10 and 16.5 mm, elliptical 25 mm, oval 40 and 50 mm	2 pieces each	509-58300-00
<b>oval 15×6 mm</b> for round-bottom flask 10 ml	Pack of 3	509-53000-00
<b>oval 25×10 mm</b> for round-bottom flask 25–50 ml	Pack of 3	509-54000-00
<b>oval 30×10 mm</b> for round-bottom flask 100–250 ml	Pack of 3	509-55000-00

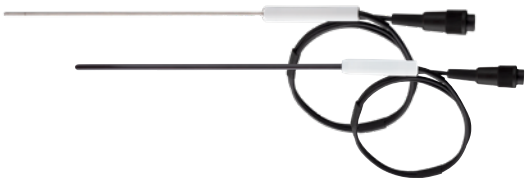


<b>Silicone protective cover</b>		
Protects magnetic stirrers from splashing and dripping water		
For Hei-Connect		23-07-06-05-59
For Hei-PLATE Mix 20l		23-07-06-05-77
For Hei-PLATE Mix 'n' Heat models		23-07-06-05-76

<sup>1</sup> For magnetic stirrers with plate Ø 145 mm.  
An adapter plate is available for models with Ø 135 mm.



<b>Adapter plate</b>	
For use of accessories for Ø 145 mm heating plate with Ø 135 mm models	
P/N 505-99000-01	



<b>Pt 1000 temperature sensor</b>	
For Hei-PLATE Mix 'n' Heat Core+	
V4A	509-67910-00
Glass-coated	509-67920-00



<b>Pt 1000 clamping system</b>	
With support rod and clamping device with cable routing	
P/N 509-63100-00	



<b>Pt 1000 clamping system for large attachments (3–5 l)</b>	
With support rod and clamping device with cable routing	
For Hei-Connect	509-63200-00
For Hei-Plate Mix'n'Heat models	509-63300-00

<b>Hei-Con electronic contact thermometer</b>	
For Hei-PLATE Mix 'n' Heat Core+	
V4A	509-88000-00
Glass-coated	509-88100-00



<b>RS 232 cable</b>	
9-pin, for Hei-Connect	
P/N 14-007-040-72	



<b>Heating bath liquid</b>	
Heating bath liquid (5 kg)	
up to 170 °C	515-31000-00
up to 220 °C	569-00600-00



Air instead of water.

# The Findenser™ – the green alternative

## More safety in the laboratory

The Findenser™ is a high performance condenser and replaces the need for water-cooled condensers in over 95 % of all common chemistry applications. The finned aluminum jacket provides excellent heat transfer.

**Leading safety standards**

No danger due to leakages and flooding in the laboratory – for unlimited continuous operation

**Superior ease of use**

Easy handling, no tubing – more space in the laboratory

**Reduced cost of ownership**

No water consumption – resource friendly and cost-effective

- Immediate use
- Absolutely flexible use – no water connection necessary
- Large cooling surface
- No running costs
- No performance difference compared to conventional reflux condensers



**Aluminum cooling fins**

Excellent thermal conductivity and chemical-resistant, anodized surface

**Ground glass cones/sockets**

The upper ground sleeve and lower ground core are available in different sizes

**Patented design**

Encapsulated thermofluid for maximum heat transfer

**Prisma design**

No rolling away due to flattened edges. Risk of damage is minimized

**Easy fixing**

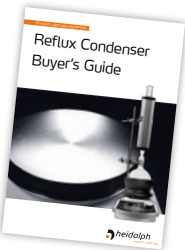
With standard laboratory clamps or with the Findenser™ attachment kit



Findenser NS24 Cone	NS24 Socket	400 mm	505-81700-00
Findenser NS29 Cone	NS24 Socket	400 mm	505-81710-00
Findenser NS19 Cone	NS19 Socket	400 mm	505-81720-00
Findenser Mini NS24 Cone	NS24 Socket	275 mm	505-81800-00
Findenser Mini NS19 Cone	NS19 Socket	275 mm	505-81810-00
Findenser Mini NS14 Cone	NS14 Socket	275 mm	505-81820-00

**Attachment kit:**  
2x retort clamp, 2x boss head, support rod 11-300-008-23

The Buyer's Guide provides answers to the most important questions on the advantages and disadvantages of a reflux cooler and what must be noted when purchasing.



# Heat-On Blocks

Safe, fast and efficient

Replace oil baths and heating mantles in your lab and reduce the risk of fire. Heat-On blocks are the safest, fastest and most efficient method for heating and stirring in round-bottom flasks from 10 ml to 5 l.

## Leading Safety Standards

Increased occupational safety and fire protection: The elimination of oil baths prevents accidents, fires and contamination. The unique design prevents glass breakage and therefore minimizes the risk of cut injuries and leaking liquids. The high temperature accuracy offers leading safety standards for applications up to 260 °C.

## Superior Ease of Use

The temperature can be measured conveniently and precisely, in the medium or directly on the reaction attachment. Oil is no longer necessary as a heat conductor, as the attachments enclose the flask with a precise fit. The cleaning effort is minimized. The PTFE coating offers the highest chemical resistance and corresponding use for many years.

## Reduced Cost of Ownership

Thanks to the simplified handling, process times are minimized and the sample throughput is increased: 150 ml of water are brought to the boil in less than 11 minutes. In addition, the 66 % faster heating times compared to conventional oil baths save on energy costs.



Flask size	Liquid capacity	Hotplate temperature	Time to boiling point
10 ml	6 ml	300 °C	6.8 min
25 ml	15 ml	300 °C	8.0 min
50 ml	30 ml	300 °C	8.5 min
100 ml	60 ml	300 °C	8.8 min
150 ml	100 ml	300 °C	10.0 min
250 ml	150 ml	300 °C	10.8 min
500 ml	300 ml	300 °C	16.4 min
1000 ml	600 ml	300 °C	21.1 min
2000 ml	1200 ml	300 °C	35.1 min
3000 ml	1800 ml	300 °C	47.3 min
4000 ml	2400 ml	300 °C	51.0 min
5000 ml	3000 ml	300 °C	75.5 min

# Heat-On Attachments



## Heat-On blocks

Block with lateral cut-outs	100 ml	505-80066-00
Block	250 ml	505-80067-00
Block with lateral cut-outs	250 ml	505-80067- 01
Block	500 ml	505-80069-00
	1 l	505-80071-00
	2 l	505-80073-00
	3 l	505-80075-00
	4 l	505-80078-00
	5 l	505-80076-00

## Heat-On attachments

Clamping system for 3–5 attachments	509-63200-00
Retort clamp	505-81075-00
Boss head	570-31100-00

### Attachment kit for flasks

Support rod for large attachments and holding device with cable routing, retort clamp, boss head for Hei-Connect	505-81400-00
for Hei-PLATE Mix 'n' Heat Core / Core+	509-63400-00

## Multi-Well inserts and clamping system

Heat-On insert	10 ml	505-80061-00
	25 ml	505-80062-00
	50 ml	505-80063-00
	100 ml	505-80064-00
	150 ml	505-80065-00
Heat-On Multi-Well holder		505-80060-00
Heat-On safety lifting handles		505-80077-00

## Safety covers

For Heat-On Multi-Well holder	505-80080-00
For Heat-On 200–300-ml Block	505-80081-00
For Heat-On 500 ml Block	505-80082-00
For Heat-On 1 l Block	505-80083-00

## Heat-On Multi-Well packages

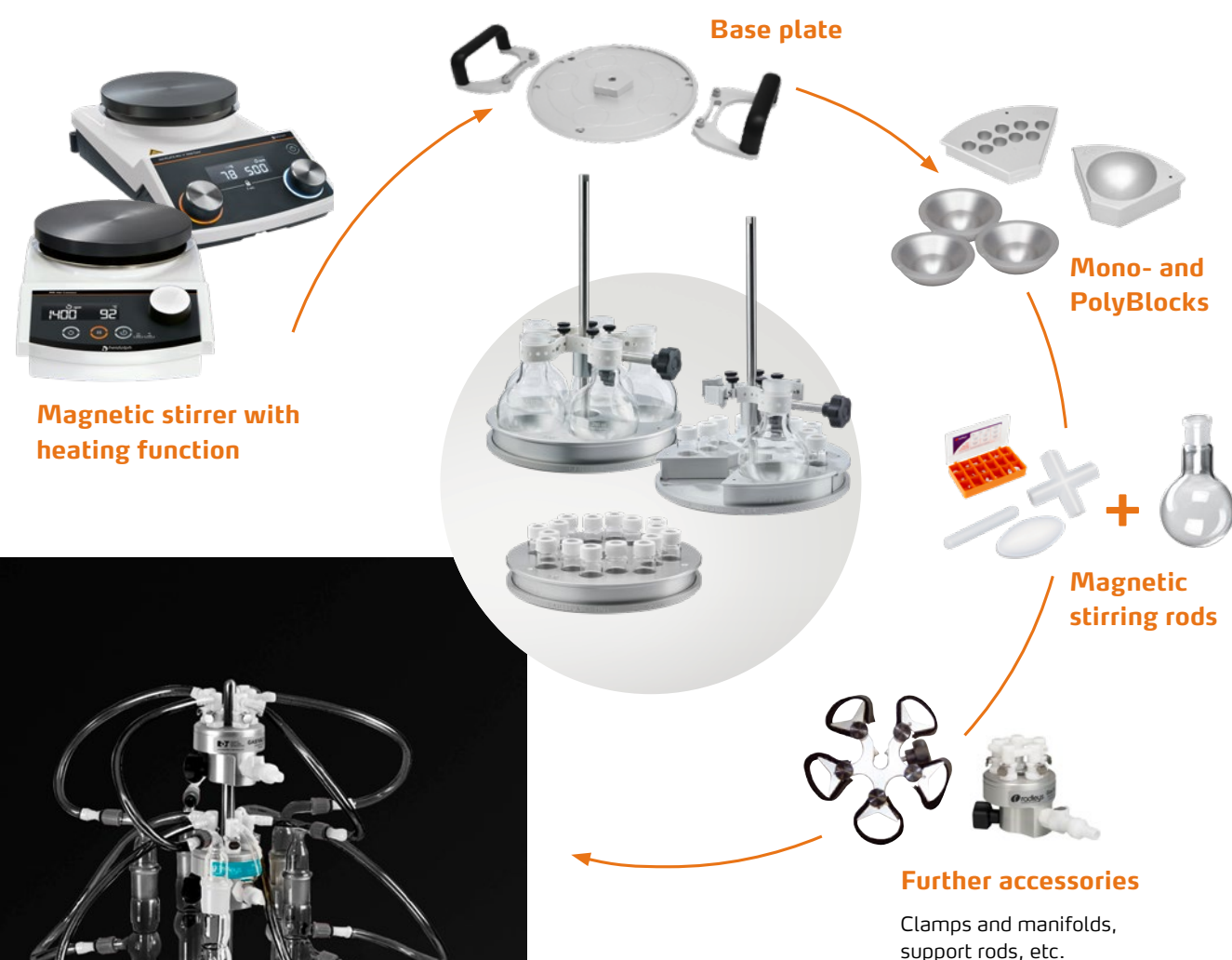
<b>Package Heat-On Multi-Well Basic</b> Includes 1 multi-well holder and 3 inserts (for 25-ml, 50-ml and 100-ml flasks)	505-81300-00
<b>Package Heat-On Multi-Well</b> Includes 1 multi-well clamping system and 6 inserts (for 2 × 25, 2 × 50 and 2 × 100 ml flasks)	505-81200-00

For magnetic stirrers with plate Ø 145 mm.  
An adapter plate is available for models with Ø 135 mm.



# Space-saving Working

With the StarFish workstation. Simply combine available round-bottom flasks and other vessels with the suitable StarFish attachments.



**The setup of a StarFish workstation is finished**

StarFish workstation are ideally suitable for Soxhlet applications.

## StarFish Workstation

**Process a large number of reactions in a space-saving and time-saving way**

- Numerous attachments transform the magnetic stirrer into a multiple, efficiency-increasing reaction system for a maximum of 45 samples simultaneously
- Versatile all-rounder
- Countless possibilities: From simple heating and stirring tasks to syntheses through to concentrations and extractions with vacuum and inert gas
- No need to purchase new glass components. Simply work with the existing round-bottom flasks and combine them with the matching StarFish attachments
- Mono and PolyBlocks offer combination options for up to five individual PolyBlocks in different sizes or a MonoBlock with uniform insert sizes




**Mono and PolyBlocks offer combination options for up to five individual PolyBlocks in different sizes or a MonoBlock with uniform insert sizes.**

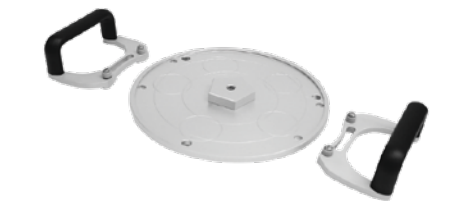
StarFish accessories – see page 46.





# StarFish Accessories

 To the configuration overview  
of StarFish workstation



### Base plate

The baseplate fits exactly on the heating plate of the magnetic stirrer and ensures very good contact with the heated surface.

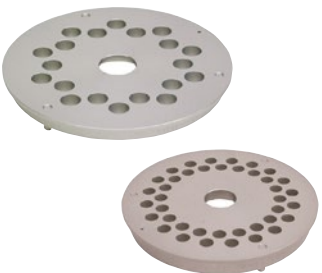
StarFish base plate	145 mm Ø	505-81000-00
StarFish safety handles	Pack of 2	505-81001-00



### MonoBlocks

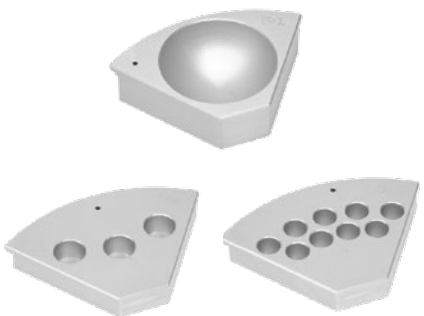
MonoBlocks consist of one block with several inserts of the same size and are ideal for applications with identical vessels.

MonoBlock for flasks	5 × 250 ml	505-80001-00
Flask insert	150 ml	505-80040-00
	100 ml	505-80041-00
	50 ml	505-80042-00
	25 ml	505-80043-00
	10 ml	505-80044-00
	5 ml	505-80045-00



MonoBlock for test tubes	16 × 25 mm Ø	505-80002-00
	16 × 24 mm Ø	505-80003-00
	40 × 16 mm Ø	505-80004-00
	40 × 12 mm Ø	505-80005-00

MonoBlock for cylindrical reagent vials	16 × 28 mm Ø	505-80006-00
	20 × 21 mm Ø	505-80007-00
	40 × 17 mm Ø	505-80008-00
	40 × 15 mm Ø	505-80009-00
	40 × 12 mm Ø	505-80010-00



### PolyBlocks

PolyBlocks are made from narrow segments (five per baseplate), which can be combined suitably to match the vessel size; ideal for use of different vessel types and sizes.

PolyBlock for flasks	1 × 250 ml	505-80020-00
	3 × 25 ml	505-80021-00
	3 × 24 ml	505-80022-00
	9 × 16 ml	505-80023-00
	9 × 12 ml	505-80024-00
PolyBlock for reagent vials	3 × 28 ml	505-80025-00
	3 × 21 ml	505-80026-00
	7 × 17 ml	505-80027-00
	9 × 15 ml	505-80028-00
	9 × 12 ml	505-80029-00

For magnetic stirrers with plate Ø 145 mm.  
An adapter plate is available for models with Ø 135 mm.



### Universal 5-way clamp

The StarFish clamp enables different size glassware sets to be fixed and is optionally available with a silicone or Velcro® strap.

Each clamp is made up of five telescopic arms, which can be extended as required and can therefore be fixed securely around the vessel. Application example for the use of both clamps: The silicone strap holds the vessels securely, lift the samples with a handle if necessary, while the Velcro® strap enables the cooler to slip through.

5-way clamp with Velcro® strap	505-81010-00
5-way clamp with silicone strap	505-81020-00



### Water manifold

Distributes water evenly from one output source to up to five condensers.

Two water manifolds are always used in the set-up. One to distribute the water and a second one to collect the water again. Either for further use or to remove it completely. Each of the five connections has a leakproof cut-off valve.

Water manifold with connections	505-81030-00
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### Gas/vacuum manifold

Distributes inert gas or vacuum from an output source uniformly to five different stations or vessels. Regulating the gas or vacuum is not possible. Each of the five connections has a leakproof cut-off valve.

Gas / vacuum manifold with connections		505-81040-00
Replacement Velcro® pads for telescopic arms	200 mm (pack of 10)	505-81070-00
Replacement Velcro® straps	200 mm (pack of 5)	505-81080-00
Replacement spare silicone strips	200 mm (pack of 5)	505-81090-00
Support rod	650 mm	505-81050-00
Support rod, separable	650 mm	505-81060-00

# Packages

## Hei-PLATE sensor packages

### HEI-PLATE SENSOR ADVANCED PACKAGE CORE+

- Hei-PLATE Mix 'n' Heat Core+
- Pt 1000 temperature sensor
- Clamping system for Pt 1000 (includes support rod and attachment with cable conduit)
- Silicone protective cover

Ø 135 mm  
P/N 506-22151-00

Ø 145 mm  
P/N 506-21151-00



## Hei-PLATE reflux packages

### HEI-PLATE REFLUX PACKAGE CORE+

- Hei-PLATE Mix 'n' Heat Core+
- Pt 1000 temperature sensor
- Heat-On block 1 l
- Findenser NS29/24
- Attachment kit

P/N 506-21156-00



### HEI-PLATE PACKAGE SILVER 2

- Hei-Connect
- Pt 1000 temperature sensor (V4A)
- Clamping system for Pt 1000 (includes support rod and attachment with cable conduit)
- Interface cable RS 232

P/N 505-40080-00

### HEI-PLATE SENSOR ADVANCED PACKAGE CORE

- Hei-PLATE Mix 'n' Heat Core
- Hei-Con contact thermometer incl. clamping system
- Silicone protective cover

P/N 506-11157-00

Available  
from mid-  
2022

### HEI-PLATE SENSOR BASIC PACKAGE CORE+

- Hei-PLATE Mix 'n' Heat Core+
- Pt 1000 temperature sensor (V4A)
- Clamping system for Pt 1000 (includes support rod and attachment with cable conduit)

Ø 135 mm  
P/N 506-22150-00

Ø 145 mm  
P/N 506-21150-00

### HEI-PLATE REFLUX PACKAGE CORE+ MINI

- Hei-PLATE Mix 'n' Heat Core+
- Pt 1000 temperature sensor
- Heat-On block 250 ml
- Findenser Mini NS24/24
- Attachment kit

P/N 506-21155-00

### HEI-PLATE REFLUX PACKAGE CONNECT

- Hei-Connect
- Pt 1000 temperature sensor
- Heat-On block 1 l
- Findenser NS29/24
- Attachment kit

P/N 505-40715-00

### HEI-PLATE REFLUX PACKAGE CONNECT MINI

- Hei-Connect
- Pt 1000 temperature sensor
- Heat-On block 250 ml
- Findenser Mini NS24/24
- Attachment kit

P/N 505-40732-00