

# TABLE OF CONTENTS

*Magnetic Stirrers* ..... 2

## Magnetic Stirrers



### Magnetic stirrer, CE

**Item number:**  
**42070**

with cover made of stainless steel, quiet motor with precise, electronic speed control. Base painted acid-resistant.

Construction according to VDE.

Power: 230 V, 50 Hz

Power consumption: 40 W

Motor: shaded-pole motor

Power switch with indication light  
without heating

Speed: steplessly adjustable from 80 - 1600 rpm

Cable: 1.5 m long with safety plug

Dimensions: approx. 160 x 160 x 100 mm

Weight: approx. 1.6 kg

Capacity up to approx. 10 litres (liquid)

Item No.	Voltage	Weight	Stirring quantity	Dimensions	Motor
42070004	230 V, 50 Hz, 40 W	approx. 1,6kg	approx. 10l	approx. 160 x 160 x 100mm	Shaded-pole motor

[» go to product \(website\)](#)



## Mini magnetic stirrer, CE

**Item number:**  
**42070**

Power: 230 V, 50 Hz

Power consumption: 4 W

Motor: stepper motor

Power switch with indication light  
without heating

Speed: steplessly adjustable from 10 - 1200 rpm

Cable: 1.5 m long with safety plug

Dimensions: approx. 110 x 100 x 55 mm

Weight: approx. 0.9 kg

Stirring quantity up to approx. 1 litre (liquid)

Item No.	Dimensions	Voltage	Power input	Weight	Motor
42070036	110 x 100 x 55mm	230 V, 50 Hz	4W	approx. 0.9kg	Stepper motor

[» go to product \(website\)](#)



## Magnetic stirrer TMA, CE

**Item number:**  
**42071**

Cover made of stainless steel, good temperature control.

Base painted acid- and alkali-resistant. Precise, electronic speed control. Construction according to VDE.

Power: 230 V, 50 Hz

Power consumption: 40 watts

Motor: shaded-pole motor

Power switch with indication light

Indication light for heating plate

Diameter of heating plate: approx. 130 mm

Heating power: 500 watts

Temperature control: steplessly from room temperature  
to +300 °C/+572 °F

Speed: steplessly adjustable from 80 - 1600 rpm

Cable: 1.5 m long with safety plug

Dimensions: approx. 150 x 150 x 100 mm

Weight: approx. 2.5 kg

Stirring quantity up to approx. 10 litres (liquid)

Item No.	Dimensions	Voltage	Power input	Heating	Weight	Motor
42071004	150 x 150 x 100mm	230 V, 50 Hz	40W	500W	approx. 2.5kg	shaded-pole motor

[» go to product \(website\)](#)



## Magnetic stirrer TMA, CE, fully electronic

**Item number:**  
**42071**

Fully electronic speed and temperature control with digital display and timer as well as connection for a PT-100 temperature sensor

Power: 230 V, 50/60 Hz

Power consumption: 25 W

Motor: shaded-pole motor

Power switch and heating plate switch with LED

Diameter of heating plate: approx. 130 mm

Heating power: 500 W

Temperature control: steplessly from room temperature to +350 °C/+662 °F

Speed: steplessly adjustable from 60 - 1600 rpm

LED display, 4 digits

Cable: 1.5 m long with safety plug

Dimensions: approx. 210 x 145 x 110 mm

Weight: approx. 2.3 kg

Stirring quantity up to approx. 10 litres (liquid)

Further details such as programmable sensor and heating plate temperature, security system, tolerance of setting, stability with and without PT-100 temperature sensor etc. are listed in the manual.

Item No.	Voltage	Heating	Weight	Dimensions	Motor
42071012	230 V, 50/60 Hz, 25 W	500W	approx. 2.3kg	approx. 210 x 145 x 110mm	Shaded-pole motor

[» go to product \(website\)](#)



## Magnetic stirrer, CE

**Item number:**  
**42072**

Square CERAN® heating plate

Fully electronic speed and temperature control, with digital display and timer, as well as connection for PT-100 temperature sensor

Dimensions of heating plate: approx. 135 x 135 mm

All other specifications as with article no. 42071004

Item No.	Voltage	Heating	Stirring quantity	Weight	Dimensions	Motor
42072012	230 V, 50/60 Hz, 25 W	500W	approx. 10l	approx. 2.3kg	approx. 210 x 145 x 110mm	Shaded-pole motor

[» go to product \(website\)](#)



## Magnetic stirrer TMC, CE

**Item number:**  
**42072**

Dimensions of heating plate: approx. 135 x 135 mm  
Heating power: 600 W  
Square ROBAX® heating plate

Item No.	Voltage	Heating	Dimensions	Weight
42072004	230 V, 50 Hz, 40 W	600W	approx. 150 x 150 x 100mm	approx. 2.5kg

[» go to product \(website\)](#)



## Mini magnetic stirrer, CE

**Item number:**  
**42073**

with heating  
 Power: 230 V, 50/60 Hz  
 Power consumption: 6 W  
 Motor: stepper motor  
 Power switch with indication light  
 Speed: steplessly adjustable from 10 - 1200 rpm  
 Heating plate: Aluminium anodised  
 Heating power: 160 W  
 Temperature: steplessly adjustable from room temperature to +250 °C/+482 °F  
 Dimensions heating plate: approx. 90 x 90 mm  
 Cable 1.5 m long with safety plug  
 Total dimensions: approx. 110 x 100 x 80 mm  
 Weight: approx. 1.2 kg  
 Capacity up to approx. 1 litre (liquid)

Item No.	Electric connecting cable	Heating	Voltage	Stirring quantity	Weight	Motor	Speed	Reference temperature
42073004	1.5 m	110 x 100 x 80 mm 160 watts	230 volts, 50 Hz, 45 watts (110 volts alos available))	up to 1 litre diluted solution	approx. 1.2 kg	stepping motor 6 watts	stepless 10-1200 rpm	stepless from roomtemperature to +250 °C

[» go to product \(website\)](#)





## Magnetic stirrer MSE 10, digital, without heating

**Item number:**  
**42074**

High performance magnetic stirrer with last run memory function, last settings are used with restart.

The speed can be adjusted from 200 to 2200 rpm in steps of 10 rpm, the time can be adjusted from 1 to 999 minutes or continuous operation. The device has non-slip rubber feet and a closed design, which protects the equipment from accidental spills. Programmable pulse mode for thorough mixing is available. The device is suitable for use in hoods.

Accessories: magnetic stirring bar, power adapter 24 V, user manual, guarantee card

Item No.	Weight	Max. load	Set-up plate	Dimensions	Power consumption	Motor	Protection class
42074024	1.4kg	10l	140 x 140mm	248 x 156 x 104mm	5.5W	DC motor	IP 21

[» go to product \(website\)](#)



## Magnetic stirrer MSH 10, digital, with heating, Set-up plate made of stainless steel

**Item number:**  
**42074**

High performance magnetic stirrer with last run memory function, last settings are used on restart. The speed can be adjusted from 200 to 2200 rpm in steps of 10 rpm, the time can be adjusted from 1 to 999 minutes or continuous operation. A large display shows critical data, readily visible. The heating plate can reach 320 ° C / 608 ° F. Programmable pulse mode for thorough mixing is available. The device is suitable for use in hoods.

Accessories: PT-1000 temperature probe with stand, magnetic stirring bar, power adapter 24 V, user manual, guarantee card

Item No.	Max. load	Set-up plate	Weight	Dimensions	Permissible ambient temperature	Power consumption	Motor	Protection class
42074036	10l	140 x 140mm	2.2kg	248 x 156 x 110mm	5°C – 40°C/41°F - 104°F	610W	DC motor	IP 21

[» go to product \(website\)](#)



## Magnetic stirrer MSH 10, digital, with heating, set-up plate made of glass ceramic

**Item number:**  
**42074**

High performance magnetic stirrer with last run memory function, last settings are used on restart. The speed can be adjusted from 200 to 2200 rpm in steps of 10 rpm, the time can be adjusted from 1 to 999 minutes or continuous operation. A large display shows critical data, readily visible. The heating plate can reach 320 ° C / 608 ° F. Programmable pulse mode for thorough mixing is available. The device is suitable for use in hoods.

Accessories: PT-1000 temperature probe with stand, magnetic stirring bar, power adapter 24 V, user manual, guarantee card

Item No.	Max. load	Set-up plate	Weight	Dimensions	Permissible ambient temperature	Power consumption	Motor	Protection class
42074136	10l	140 x 140mm	2.2kg	248 x 156 x 110mm	5°C – 40°C / 41°F - 104°F	610W	DC motor	IP 21

[» go to product \(website\)](#)



## Magnetic stirrer bars, PTFE-coated

**Item number:**  
**42075**

Axially magnetised centre, suitable for high, slim vessels such as measuring cylinders, jars etc.

Item No.	Length	Ø
42075001	approx. 12 mm	approx. 4.5 mm
42075002	approx. 15 mm	approx. 4.5 mm
42075003	approx. 20 mm	approx. 6 mm
42075004	approx. 25 mm	approx. 6 mm
42075005	approx. 30 mm	approx. 6 mm
42075006	approx. 40 mm	approx. 8 mm
42075007	approx. 50 mm	approx. 8 mm
42075008	approx. 60 mm	approx. 10 mm
42075009	approx. 70 mm	approx. 10 mm

[» go to product \(website\)](#)



## Retrievers made of PTFE

Item number:  
**42076**

for removing the stirring bar from the liquid

Item No.	Dimensions
42076010	approx. 350 x 8 mm

[» go to product \(website\)](#)



## Magnetic stirring bars, PTFE-coated, octagonal

Item number:  
**42077**

with central ring, suitable for vessels with slightly uneven bottom  
The central ring reduces the contact face and the bar automatically gets to the ideal stirring position.  
The edged surface creates high turbulences, even with low speed.

Item No.	Length	Ø
42077001	approx. 13 mm	approx. 8 mm
42077002	approx. 15 mm	approx. 8 mm
42077003	approx. 25 mm	approx. 8 mm
42077004	approx. 25 mm	approx. 10 mm
42077005	approx. 38 mm	approx. 8 mm
42077006	approx. 38 mm	approx. 10 mm
42077007	approx. 38 mm	approx. 13 mm
42077008	approx. 51 mm	approx. 8 mm
42077009	approx. 51 mm	approx. 10 mm
42077010	approx. 64 mm	approx. 10 mm
42077011	approx. 75 mm	approx. 13 mm

» [go to product \(website\)](#)



## Magnetic stirrer bars, PTFE-coated, triangular

Item number:

**42078**

suitable for large vessels with flat bottom  
These stirring bars create intense turbulences and detach solids.

Item No.	Length	Ø
42078001	approx. 12 mm	approx. 6 mm
42078002	approx. 20 mm	approx. 8 mm
42078003	approx. 25 mm	approx. 8 mm
42078004	approx. 25 mm	approx. 14 mm
42078005	approx. 35 mm	approx. 9 mm
42078006	approx. 40 mm	approx. 14 mm
42078007	approx. 50 mm	approx. 12 mm
42078008	approx. 55 mm	approx. 14 mm
42078009	approx. 80 mm	approx. 14 mm

[» go to product \(website\)](#)



## Magnetic stirring bars, PTFE-coated, oval

**Item number:**  
**42079**

suitable for round bottom flasks  
The shape of the stirring bar ensures a complete mixing.

Item No.	Ø	Length
42079001	approx. 10 mm	approx. 20 mm

Item No.	∅	Length
42079002	approx. 12 mm	approx. 25 mm
42079003	approx. 16 mm	approx. 35 mm
42079004	approx. 20 mm	approx. 40 mm
42079005	approx. 20 mm	approx. 50 mm
42079006	approx. 20 mm	approx. 64 mm
42079007	approx. 20 mm	approx. 70 mm

» [go to product \(website\)](#)



## TS

**Item number:**  
**42081**

for heating sand and liquid material of all kinds.  
The bath attachment connected with the device is made of stainless steel.  
The temperature regulation is controlled by a sensor. Setup according to VDE.  
with cable, 1.5 metres, and safety plug  
Bath approx. 140 x 140 x 55 mm inside  
Voltage: 230 V  
Power consumption: 600 W  
Dimensions: approx. 16 x 15 x 15 cm  
Temperature control range: +40 °C +330 °C/+104 °F +626 °F  
Weight: approx. 1.3 kg



Item No.	Weight	Capacity	Voltage	Power input	Dimensions	Temperatur control range
42081010	1.3 kg	1000 ml	230 volts (others also possible)	600 watts	approx. 156 x 150 x 145 mm high	from room temperature up to +250 °C/+482 °F

[» go to product \(website\)](#)

# Index

## M

Magnetic stirrer bars, PTFE-coated 11

Magnetic stirrer bars, PTFE-coated, triangular 13

Magnetic stirrer MSE 10, digital, without heating 8

Magnetic stirrer MSH 10, digital, with heating, set-up plate made of glass ceramic 10

Magnetic stirrer MSH 10, digital, with heating, Set-up plate made of stainless steel 9

Magnetic stirrer TMA, CE 3

Magnetic stirrer TMA, CE, fully electronic 4

Magnetic stirrer TMC, CE 6

Magnetic stirrer, CE 1, 5

Magnetic stirring bars, PTFE-coated, octagonal 12

Magnetic stirring bars, PTFE-coated, oval 14

Mini magnetic stirrer, CE 2, 7

## R

Retrievers made of PTFE 12

## T

TS 15