

# SINGLE POINT STIRRER WITH ILLUMINATED STIRRING PLATE

Designed for chemical, biotechnical and medical applications of all kinds, developed for the hard daily lab use and uncompromising continuous operation. Particularly glare-free illumination of samples for the optical test range, e.g. color changes, titrations ...

## luMIX

Ultra-flat, wear-free magnetic stirrer with 1 large stirring position and a luminescent plate, up to 3,000 mL stirring volume, also suitable for viscous media. Stirring function and illumination function separately switchable.

- ↻ Large stirring position, luminescent
- ↻ Homogenous brightness, variable
- ↻ Maintenance- and wear-free
- ↻ Outstanding long-life quality
- ↻ Developed and made in Germany



Type	luMIX
Stirring points	1
Stirring volume/stirring point	1 - 3,000 ml
Speed range	100 - 2,000 rpm
Power setting	4-step (25/50/75/100%)
Material housing	Stainless steel
Permitted operation conditions	-10 °C up to +50 °C (at 80% humidity)
Electrical data	100-240 V / 50-60 Hz / 1.5 A
Dimensions (WxDxH)	188 x 238 x 44 mm
Protection category	IP64
Weight (gross)	approx. 3.6 kg
Order no.	31001

3 years warranty on material and manufacturing.  
We reserve the right to make technical alterations. We do not assume liability for errors in printing or typing.

**Stirring** - 100% maintenance-free and wear-free by inductive 2mag-Magnetic-Drive concept for powerful mixing of solutions, extremely wide speed range from 100 to 2,000 rpm, jerk-free stirring even at low speeds, 4-step power setting for high power with regard to large and viscous stirring volumes and reduced power for the warming-free continuous operation.

**Light** - Bright and warming-free luminescent PMMA plate, white LEDs with homogenous brightness and variable light intensity (4-step), non-reflecting illumination..

Clear digital display for light-, speed- and power settings, SoftStart procedure for reliable catching/centering and safe accelerating of the stirring bar, QuickSet for quick setting of start and maximum speed, automatic memory function to save the last settings, outstanding long-life cycle of the hermetically sealed drive system, resistant stainless steel housing for easy and fast cleaning.

### Accessories

ASTEROID 40 - Stirring bar  
Stirring bar remover PTFE

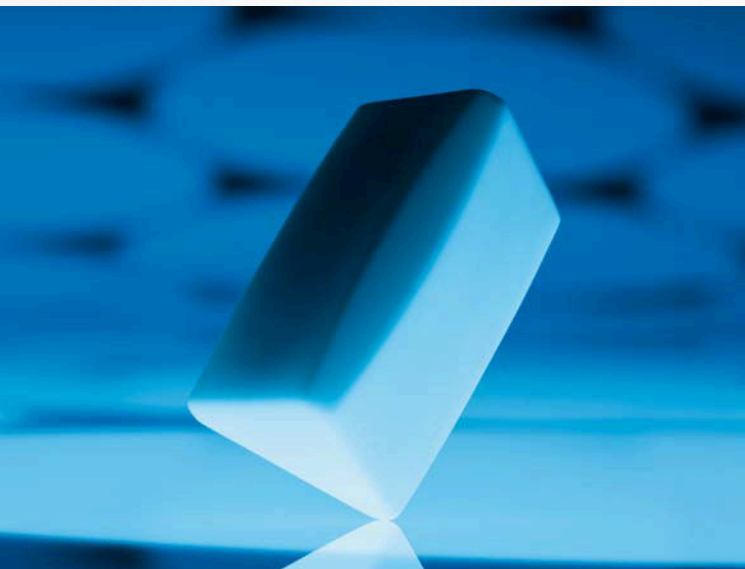
# STIRRING BARS

Designed for strong stirrers and viscous media.  
Designed for chemical, biotechnical and medical applications of all kinds.

## ASTEROID 40

New developed, high-effective stirring bar, ideal for large mixing volumes, viscous media, stirring over wide distances or for disadvantageous vessel bottoms.

*magnetic motion*



Type	ASTEROID 40
Material (Cover)	PTFE
Material (Magnet)	SmCo
Shape	triangular, concave
Dimensions ØxL	Ø 28 x 40 mm
Weight (gross)	approx. 0.06 kg
Order no.	44040

3 years warranty on material and manufacturing.  
We reserve the right to make technical alterations. We do not assume liability for errors in printing or typing.

More than 4x higher torque transmissible, unbeatable increased mixing effect in comparison to conventional stirring bars, high energetic and long-term stable magnetic field, no demagnetization effect, concave design for a minimum of bearing surface and reliable rotation, triangular shape for powerful shear force, better mixing effect at lower rotation speed.

300% less PTFE abrasion than comparable round shape stirring bars, significantly higher rotation speed reachable, high quality, even and sealed PTFE cover, FDA-conform, steam sterilizable at 121°C.

Multiple improved performances for all types of magnetic stirrers.

### Accessories

Stirring bar remover PTFE

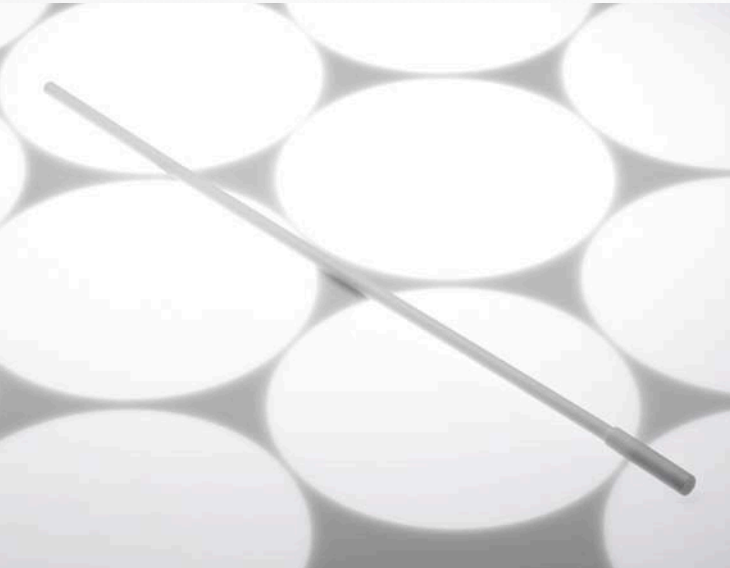


# STIRRING BAR REMOVER

Designed for strong stirring bars.

## Stirring bar remover PTFE

PTFE-coated flexible stirring bar remover with extremely strong permanent magnet (neodym), 70 cm length.



## Stirring bar remover XL

New developed, extremely strong stirring bar remover with an integrated corrosion-resistant high energy magnet, ideal for reliable inserting and removing of strong and heavy magnetic stirring bars.



*magnetic motion*

Type	Stirring bar remover PTFE	Stirring bar remover XL
Material	PTFE	Stainless steel
Dimensions $\varnothing \times L$	$\varnothing 15 \times 700$ mm	$\varnothing 28 \times 1000$ mm
Weight (gross)	approx. 0.2 kg	approx. 1.5 kg
Order no.	45070	45100

3 years warranty on material and manufacturing.  
We reserve the right to make technical alterations. We do not assume liability for errors in printing or typing.

Universal chemical resistance also in aggressive media, ideal for fast removal of heavy and big magnetic stirring bars with a weight up to 400 g.

Simple handling due to a special developed stripping mechanism, length of 100 cm for deep reaction vessels, construction of stainless steel, solid and easy to clean, high chemical resistance.

Ideal for fast removal of big and heavy magnetic stirring bars with a weight up to 1,000 g.

