

KOMET **H + P**

Unmistakable stirring bars



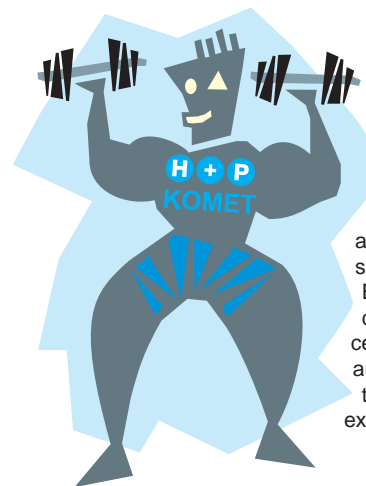
- ⊕ **Unmistakable - High power for viscous media or at higher speeds**
- ⊕ **Unmistakable - Characteristic shape, available in different sizes**
- ⊕ **Unmistakable - Resistant, no demagnetisation, for a lifetime of use**
- ⊕ **Unmistakable - Magnetic material five times stronger than regular magnetic material**

PERPETUAL POWER

Super-strong stirring bars

The new KOMET magnetic stirring bars give all magnetic stirrers - and especially VARIOMAG magnetic stirrers - undreamt-of stirring power.

Thanks to the use of high-energy magnetic material (SmCo), these stirring bars generate considerably more magnetic power than conventional AlNiCo stirring bars. Compared to ordinary stirring bars of the same length, the KOMET stirring bars offer three times more torque, greatly extending the power and the range of applications of magnetic stirrers.



Whether more viscous media are to be stirred or whether high speeds (up to 2000 rpm and more) are required - KOMET magnetic stirring bars will do the job. Even if the stirring vessel has a convex bottom or if the distance between the magnetic stirrer and the vessel is up to 2 cm, these stirring bars guarantee excellent mixing results.

KOMET 90	Round shape	Ø 25 mm	L 90 mm	Order No.: 90790
KOMET 50	Round shape	Ø 21 mm	L 50 mm	Order No.: 90751
KOMET	Octagonal shape	Ø 21 mm	L 50 mm	Order No.: 90750
KOMET 30	Round shape	Ø 13 mm	L 30 mm	Order No.: 90730
KOMET 15	Round shape	Ø 9 mm	L 15 mm	Order No.: 90715
KOMET 16 R	Stand-up Ring	Ø 14 mm	B 8 mm	Order No.: 90714
KOMET 8 S	Stand-up Disc	Ø 8 mm	B 4 mm	Order No.: 90708



Demagnetisation of stirring bars is now a thing of the past. KOMET magnetic stirring bars resist the influence of extraneous magnetic fields, keeping their magnetic properties intact for many years. All KOMET stirring bars are PTFE-coated and suitable for steam sterilization. Their smooth surface prevents the accumulation of undesirable debris. If KOMET stirring bars are inadvertently mixed up with a bunch of conventional stirring bars, they are immediately identified and retrieved thanks to their characteristic shape and their magnetic power. Seven different models of the stirring bars are currently available, providing an excellent fit for a wide variety of stirring vessels.

KOMET - discs and rings

For the first time, thanks to the flat KOMET magnetic discs, excellent stirring results across the entire filling level are now possible even in test tubes. The stirring discs utilise the characteristics of the magnetic field to stand erect during the stirring process, stirring with exceptional power and efficiency.



Our product range

VARIOKLAV Steam sterilizers	VARIOMAG Magnetic stirrers
VARIOKLAV Steam pots	VARIOMAG Reaction Blocks
VARIOKLAV Steam generators	SAPROMAT BOD-Measuring devices
KERSYS Short time sterilizers	

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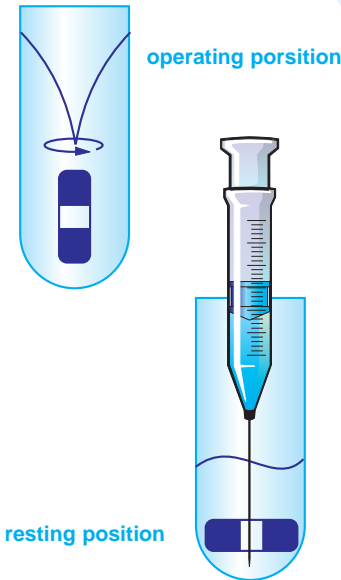
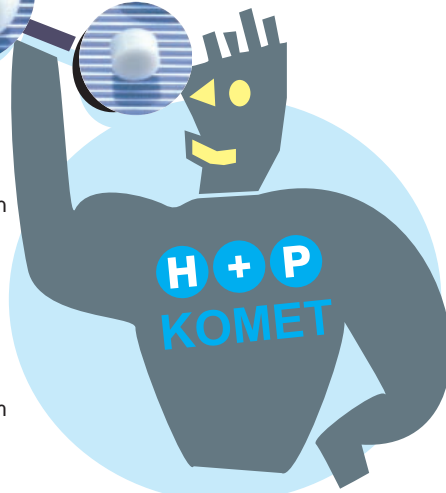


KOMET 16 R

KOMET 8 S is suitable for use in reaction vessels of at least 12 mm in diameter. Komet 16 R is suitable for vessels of 20 mm diameter and up.

The KOMET 16 R is annular in shape with a central bore, allowing sample to be retrieved from the bottom of the vessel by guiding a needle through the aperture.

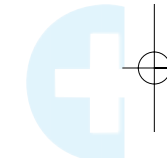
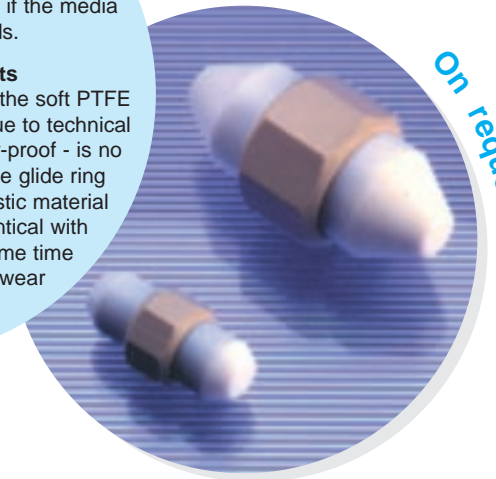
KOMET 8 S



KOMET 30, 50, 90 with glide ring

Some of the KOMET stirring bars were specially fitted with a wear-resistant glide ring for use under excruciating circumstances, such as when stirring vessels feature rough plastic or stainless-steel bottoms or if the media to be stirred contain solids.

Advantages and benefits
Longer life of the stirring bars, since the soft PTFE coating of the stirring bars - which due to technical constraints cannot possibly be wear-proof - is no longer abraded and destroyed. The glide ring consists of a newly developed plastic material whose properties are nearly identical with those of PTFE, while at the same time offering substantially better wear resistance.



Combination options: Magnetic stirring bars and VARIOMAG magnetic stirrers

Recommend dimensions	Type	MINI	MICRO MIDI	COMPACT MAXI	MONO POLY MONOTHERM	MULTIPOINT TELESYSTEM MULTITHERM	TELESYSTEM (test tubes)	Stirring Block-thermostats Reaction blocks	MOBIL 60 MOBIL 200 MOBIL 600	Packing	Order No.:
Magnetic stirring bars made of high-energy magnetic material (SmCo, PTFE-coated)											
Round Shape	∅ x L (mm)	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW		
KOMET 15	9 x 15	-	++	++	++	++	++	++	-	5 items	90715
KOMET 30	13 x 30	-	++	++	++	++	++	++	-	5 items	90730
KOMET 50	21 x 50	-	+	++	++	++	-	++	o	1 item	90751
KOMET 90	25 x 90	-	-	o	-	-	-	-	++	1 item	90790
Octagonal shape	∅ x L (mm)	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW		
KOMET	21 x 50	-	+	++	++	++	-	++	o	1 items	90750
Disc	∅ x B (mm)	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW		
KOMET 16 R	14 x 8	-								5 items	90714
KOMET 8 S	8 x 4	++								5 items	90708

Key: ++ = excellent + = good o = suitable - = not suitable

