



# Multiple position magnetic stirrers “Multimatic”



## COMMON FEATURES

External plate made from AISI 304 stainless steel with engraved stirrer positions.  
Independent stirring speed control for each position.  
Front panel protected against splashes.

Models 5-S and 5-N: Suitable for 5 flasks, 600 ml max. (max. Ø 90 mm).  
9-S and 9-N: Suitable for 9 flasks, 300 ml max. (max. Ø 75 mm).  
Epoxy coated external case.

## APPLICATIONS

Specially recommended for bio-pharmaceutical diagnostic assays.



## Stirrers “Multimatic” 5-S and 9-S without heating

FOR 5 AND 9 POSITIONS.



## CONTROL PANEL

Illuminated mains switch.  
Individual position stir speed control.

## MODELS

	Part No.	Height / Width / Depth (exterior) cm			Width / Depth (plate) cm		Speed control r.p.m.	Maximum stir volume ml	Power W	Weight Kg
MULTIMATIC 5-S	7000951	11	28	35	28	33	Up to 1600	5 x 600	16	7
MULTIMATIC 9-S	7000952	11	28	35	28	33	Up to 1600	9 x 300	27	9

Comes complete with a 5 or 9 mm stir bar, model dependent covered in PTFE of 8 Ø x 32 mm long.

## ACCESSORIES

Transparent methacrylate bath.  
Fits onto the non heating stir plate of the “Multimatic” 5-S y 9-S  
The bath can withstand temperatures up to 60 °C.  
See section immersion Thermostats (page 94).

Part No.	Capacity litres	Height / Width / Depth (exterior) cm			Weight Kg
1001007	14	16	30	55	4



## Hotplate stirrers “Multimatic” 5-N y 9-N with heating

FOR 5 AND 9 POSITIONS, OVER TEMPERATURE SAFETY THERMOSTAT FITTED.



## MODELS

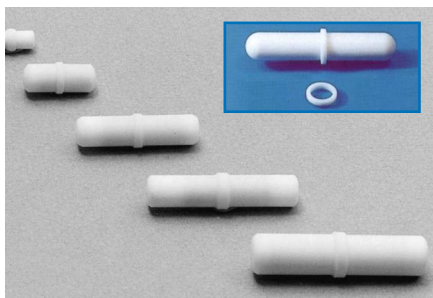
	Part No.	Height / Width / Depth (exterior) cm			Width / Depth (plate) cm		Maximum temperature °C	Speed control r.p.m.	Maximum stir volume ml	Heater Power W	Total Power W	Weight Kg
MULTIMATIC 5-N	7000953	16	28	35	25	25	200	Up to 1600	5 x 600	680	700	12
MULTIMATIC 9-N	7000954	16	28	35	25	25	200	Up to 1600	9 x 300	680	700	14

Comes complete with a 5 or 9 mm stir bar, model dependent covered in PTFE of 8 Ø x 32 mm long.

## CONTROL PANEL

Mains illuminated power switch.  
Individual speed control for each position.  
Electronic heater energy control from 0-100% synchronised with an indicator lamp when the heater is on.

## ACCESSORIES FOR MAGNETIC STIRRERS



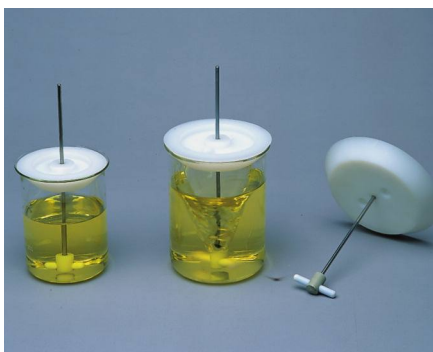
### Stir-bars followers for magnetic stirrers.

Encased in PTFE with pivot ring, temperature resistant to +275 °C.

Part No.

<b>1000009</b>	6 Ø x 10 mm long.	without pivot ring.
<b>1000012</b>	4 Ø x 12 mm long.	without pivot ring.
<b>1000019</b>	7 Ø x 20 mm long.	with pivot ring.
<b>1000032</b>	8 Ø x 32 mm long.	with pivot ring.
<b>1000039</b>	8 Ø x 40 mm long.	with pivot ring.
<b>1000045</b>	10 Ø x 45 mm long.	with pivot ring.
<b>1001061*</b>	12 Ø x 75 mm long.	with pivot ring.
<b>1001062*</b>	16 Ø x 102 mm long.	with pivot ring.
<b>1001063*</b>	16 Ø x 127 mm long.	with pivot ring.
<b>1001064*</b>	19 Ø x 150 mm long.	with pivot ring.

\* With pivot ring for large volumes.



### Concentric stir-bar with beaker cover "CENTRIMAN".

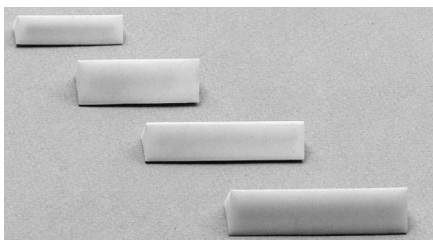
Encased in P.T.F.E. with an adjustable axis bar made of AISI 304 stainless steel. Suitable for applications with volumes of 100 to 2000 ml.

Soft start stirring and adjustable height prevents the stir-bar jumping inside the vessel.

Conical fitting lid of polypropylene with excellent chemical and thermal properties that resists temperatures up to 160 °C. The lid has an auto-lubricating central axis hole with two lateral air displacement holes.

Part No.

<b>1000900</b>	Concentric stir-bar with conical fitting lid for beakers volumes of 100 ml. to 500 ml. Length 32 mm.
<b>1000901</b>	Concentric stir-bar with conical fitting lid for beakers volumes of 500 ml. to 1000 ml. Length 50 mm.
<b>1000902</b>	Concentric stir-bar with conical fitting lid for beakers volumes of 1000 ml. to 2000 ml. Length 55 mm.

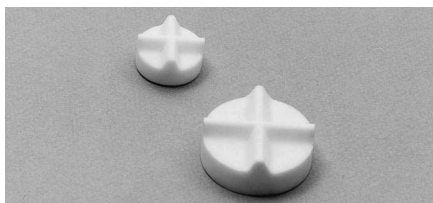


### Triangular stir-bar "TRIMAG".

Encased in heat resistant PTFE of temperatures up to 275 °C. useful for "dissolving solids" and stirring silts. Liquids flow upwards as well as sideways. Quiet with excellent stability. Suitable for flat bottomed vessels.

Part No.

<b>1000536</b>	9 side x 35 mm long.
<b>1000537</b>	14 side x 40 mm long.
<b>1000538</b>	12 side x 50 mm long.
<b>1000539</b>	14 side x 55 mm long.



### Starhead stir bar.

Circular, encased in heat resistant PTFE for temperatures up to 275 °C. Useful for tubes, flasks and round bottom vessels.

Part No.

<b>1000790</b>	25 Ø x 15 mm height.
<b>1000791</b>	40 Ø x 17 mm height.



### Box of 17 assorted stir bars.

Encased in temperature resistant PTFE for temperatures up to 275 °C.

Contents:

- 1 stir-bar with pivot ring 6x10 mm.
- 1 stir-bar with pivot ring 4 x12 mm.
- 1 stir-bar with pivot ring 7x20 mm.
- 2 stir-bars with pivot ring 8x32 mm.
- 2 stir-bars with pivot ring 8x40 mm.
- 2 stir-bars with pivot ring 10x45 mm.
- 1 triangular stir-bar of 9x35 mm.
- 1 triangular stir-bar of 14x40 mm.
- 1 triangular stir-bar of 12x50 mm.
- 1 triangular stir-bar of 14x55 mm.
- 1 stir-bar Rotor-Pat of 11x35 mm.
- 1 oval stir-bar of 16x30 mm.
- 1 oval stir-bar of 20x40 mm.
- 1 star head stir-bar of 20x15 mm.
- 1 star head stir-bar of 40x17 mm.

Part No. **1000487**



### Stir Bar "ROTOR-PAT".

Encased in PTFE useable up to temperatures of

275 °C.

Excellent stability with strong vortexing turbulence, useful for round bottom or convex bottom flasks.

Part No.

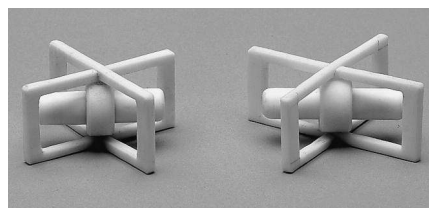
**1000001** 10 Ø max. x 32 mm long.



**Oval stir bar**, coated with PTFE, resistant to high temperatures of up to +275 °C. Can be used for all types, including

round bottom vessels.

Part No.



**1000788** 16 Ø x 30 mm long.

**1000789** 20 Ø x 40 mm long.

### Floating magnetic stir-bar "IMANFLOTTER".

Encased completely in PTFE Dismountable structure, autoclavable. Designed specifically for low constant speed stirring. Recommended for tissue culture applications. The floating conception of the Imanfлотer minimises the grinding effect of cell damage as there is no friction on the bottom of the flask.

Medium speed levels prevent the IMANFLOTTER from jumping within the vessel.

Part No. Total length Stir bar length



**1000897** 50 mm 39 mm

**1000898** 60 mm 45 mm

### Stir-bar retriever.

Flexible, encased in PTFE.

Part No.

**1000020** Length: 280 mm.