

Magnetic Stirrer RSM-01 • RSM-02

The magnetic stirrer of the RSM-line from PHOENIX INSTRUMENT offers the ideal products for the daily lab routine. The user can select between a digital and an analog version. As a matter of course both versions are available with a hotplate, either with stainless steel surface or porcelain enamel surface. We grant 2 years warranty on both models.

The comprehensive list of accessories includes everything you require from a stand bar over a temperature sensor and protection covers up to various top frames for reactor vessels.



RSM-01HP

RSM-01

- Typical magnetic stirrer in a modern Design
- Hotplate with stainless steel or with porcelain surface
- Model RSM-01 HP and RSM-01 HS with hotplate
- sturdy metal housing IP 42
- high stirring power
- 2 years warranty



RSM-02HP

RSM-02

- Magnetic stirrer of the latest generation
- connector for PT-1000, integrated control function
- digital adjustment with backlit Display
- RS 232 to control the stirrer and to display all parameter via Computer
- adjustable safety temperature (100-350°C)
- Indicator for hot surface, even when stirrer is shut-off
- comprehensive range of accessories
- 2 years warranty

Technical data	RSM-01 HP	RSM-01 HS	RSM-01 S	RSM-02 HP	RSM-02 HS
Voltage (V)	200-240	200-240	100-240	200-240	200-240
Power (W)	530	530	530	530	530
max. stirr. quantity (l H ₂ O)	20	20	20	20	20
Stirrer bar (max. in mm)	80	80	80	80	80
Plate (Ø mm)	135	135	135	135	135
Plate Material	Stainless steel porcelain surface	Stainless steel	Stainless steel	Stainless steel porcelain surface	Stainless steel
Speed	0-1500	0-1500	0-1500	0-1500	0-1500
Adjustment of speed	analog	analog	analog	digital	digital
Temperature range (°C)	RT-340	RT-340	-	RT-340	RT-340
Adjustment of Temperature	analog	analog	-	digital	digital
RS-232	no	no	no	yes	yes
Dimensions (mm)	280 x 160 x 85	280 x 160 x 85	280 x 160 x 85	280 x 160 x 85	280 x 160 x 85
Protection class	IP 42	IP 42	IP 42	IP 42	IP 42
Weight (kg)	2,8	2,8	2,8	2,8	2,8

Budget Magnetic Stirrer RSM-10

New and unique magnetic stirrer of the budget level. Many important features of a standard instrument, such as the control of parameter via LED-Display, the integrated temperature control and the sealed construction (IP42) are part of the standard equipment of this very interesting line. The integrated temperature control allows an exact regulation of the sample when the temperature sensor PT-1000 is connected.

... and all that at very attractive and competitive prices.

RSM-10A

- compact construction
- sealed housing (IP42)
- 2 years warranty

RSM-10B

- LED-display for precise control of the speed
- digital speed regulation
- compact construction
- sealed housing (IP42)
- 2 years warranty



RSM-10 B



RSM-10 HS/HP

RSM-10 HS/HP

- LED-Display for accurate regulation of speed and temperature
- digital controlled speed and temperature
- Indicator for hot surface, even when stirrer is shut-off
- connector for PT-1000
- integrated temperature control function
- compact construction, sealed housing (IP42)
- 2 years warranty

Technical data

	RSM-10 HS	RSM-10HP	RSM-10A	RSM-10B
Voltage (V)	200-240	200-240	100-240	100-240
Max. stirring quantity (l H ₂ O)	3	3	3	3
Stirrer bar (max. in mm)	50	50	50	50
Speed (rpm)	100-1500	100-1500	0-1500	100-1500
Display accuracy(rpm)	10	10	-	10
Display	LED	LED	analog, Scale	LED
Plate (mm)	Ø135	Ø135	Ø135	Ø135
Surface	Stainless steel	Porcelain surface	plastic	plastic
Temperature range (°C)	RT-280	RT-280	-	-
Temp. accuracy (°C)	1	1	-	-
Control accuracy (°C)	±2	±2	-	-
Power (W)	500	500	-	-
Safety temperature (°C)	320	320	-	-
Dimensions (mm)	155 x 215 x 100	155 x 215 x 100	155 x 215 x 75	155 x 215 x 75
Protection class	IP 42	IP 42	IP 42	IP 42
Weight (kg)	1,5	1,5	0,9	0,9

Magnetic Stirrer with glass ceramic plate RSM-04H • RSM-05H

The magnetic stirrer RSM-04 and RSM-05 are characterized by an extremely sturdy construction and the excellent chemical resistance of the huge glass ceramic plate. The RSM-04 and the RSM-05 offers sufficient power even for thermally challenging tasks with a working temperature up to 550°C. The integrated temperature control allows an exact regulation of the sample when the temperature sensor PT-1000 is connected.



RSM-04H



Technical data	RSM-04H	RSM-05H
Voltage (V)	200-240	200-240
Power(W)	1050	1050
Max. stirring volume(l H ₂ O)	10	20
Stirrer bars (max. in mm)	80	80
Plate (mm), surface	184 x 184 glass ceramic	184 x 184 glass ceramic
Speed (rpm)	100-1500	100-1500
Temperature range (°C)	RT-550	RT-550
Safety temperature (°C)	580	100-580
Display	LED	LCD
RS-232	No	Yes
Dimensions (mm)	215 x 340 x 110	215 x 340 x 110
Protection class	IP 21	IP 21
Weight (kg)	4,6	4,4



RSM-05H

RSM-04H • RSM-05H

- sturdy full metal housing
- backlit digital display or LED
- glass ceramic hotplate
- selectable safety temperature (RSM-05H)
- hot plate warning
- connector for PT-1000
- integrated control function, no contact thermometer necessary
- RS-232 Interface (RSM-05H)
- high stirring volume, up to 20l with RSM-05H
- 2 years warranty

Multi Channel Magnetic Stirrer RSM-03



RSM-03-16K



RSM-03-10KH

- 10-/16 channel magnetic stirrer
- Model RSM-03-10KH with hotplate
- sturdy construction (IP 42)
- stepless speed regulation
- stainless steel plate with silicone films, anti-slip and anti-corrosion
- uniform temperature distribution
- 2 years warranty

Technical data	RSM-03-10KH	RSM-03-10K	RSM-03-16K
Voltage (V)	200-240	100-240	100-240
Power(W)	490	20	20
Stirring points	10	10	16
Max. stirring quantity (l H ₂ O)	0,4 / Stirring point	0,4 / Stirring point	0,4 / Stirring point
Stirring point (Ø mm)	85	85	85
Stirring bar (max. in mm)	40	40	40
Material plate	Stainless steel with silicon films	Stainless steel with silicon films	Stainless steel with silicon films
Speed	0-1100	0-1100	0-1100
Speed control	analog	analog	analog
Temperature range (°C)	RT-120	-	-
Dimensions (in mm)	182 x 552 x 65	182 x 552 x 65	380 x 522 x 65
Protection class	IP 42	IP 42	IP 42
Weight (kg)	3,2	3,2	6

Accessories Magnetic Stirrer

- RSM-E 100 Carrier plate for hotplate Stainless steel (RSM-01/02/10 HS)
 RSM-E 110 Red quarter pie, 4ml reaction vessel, 9-holes, Ø 15,2 mm, depth 19 mm, to be used with RSM-E 100
 RSM-E 120 Purple quarter pie 20 ml reaction vessel, 4-holes, Ø 28 mm, depth 24 mm, to be used with RSM-E 100
 RSM-E 130 Blue quarter pie, 30 ml reaction vessel, 4-holes, Ø 28 mm, depth 30 mm, to be used with RSM-E 100
 RSM-E 140 black Quarter pie, 40 ml reaction vessel, 4-holes, Ø 28 mm, depth 42,8 mm, to be used with RSM-E 100
 RSM-E 150 green Quarter pie, 8 ml reaction vessel, 8-holes, Ø 17,75 mm, depth 25,5 mm, to be used with RSM-E 100
 RSM-E 160 golden Quarter pie, 16ml reaction vessel, 4-holes, Ø 21,6 mm, depth 31,7 mm, to be used with RSM-E 100

- RSM-E 170 Reaction Block for round flask 50 ml
 RSM-E 172 Reaction block for round flask 100 ml
 RSM-E 174 Reaction block for round flask 250 ml
 RSM-E 176 Reaction block for round flask 500 ml
 RSM-E 310 Stirrer bar remover

- RSM-E 320 PT-1000 for RSM-04/05/10 H
 RSM-E 330 Stand for RSM-01, -02, -04 and -05
 RSM-E 335 Stand for RSM-10
 RSM-E 340 Protection cover for RSM-01/02 without hotplate
 RSM-E 350 Protection cover for RSM-01/02 with hotplate
 RSM-E 360 Protection cover for RSM-10 HS/HP

*Various Stirrer Bars
on request*



Quarter Pies
on Carrier Plate