

**NEW!**

# Analog(Hotplate) Magnetic Stirrer

MS-H-S/MS-S



Main Data Description	MS-H-S	MS-S
Voltage [VAC]	100-120/200-240	100-120/200-240
Frequency [Hz]	50/60	50/60
Power [W]	530	30
Stirring point position quantity	1	1
Max. stirring quantity (H <sub>2</sub> O) [L]	20	20
Max. magnetic bar [mm]	80	80
Motor type	External rotor brushless motor	External rotor brushless motor
Motor rating input [W]	18	18
Motor rating output [W]	10	10
Speed range [rpm]	0 – 1500	0 – 1500
Speed display	Scale	Scale
Work plate material	Porcelain enamel / Stainless steel	Porcelain enamel / Stainless steel
Dimension of work Plate [mm]	φ135	φ135
Heating power [W]	500	—
Heating rate (1L water) [K/min]	6	—
Temperature range [°C]	RT – 340	—
Temperature display	Analog scale	—
Temperature display accuracy [°C]	350	—
Dimension (W×D×H) [mm]	280×160×85	280×160×85
Weight [kg]	2.8	2.8
Permissible ambient temperature [°C]	5 – 40	5 – 40
Permissible relative humidity	80%	80%
Protection class acc. to DIN EN60529	IP42	IP42



## Ordering information

Cat No.	Description
81111010000	MS-S Analog Magnetic Stirrer, Stainless Steel, Cn plug 110V/220V/50Hz/60Hz
811111020000	MS-S Analog Magnetic Stirrer, Stainless Steel, Euro plug 110V/220V/50Hz/60Hz
811111030000	MS-S Analog Magnetic Stirrer, Stainless Steel, UK plug 110V/220V/50Hz/60Hz
811111040000	MS-S Analog Magnetic Stirrer, Stainless Steel, USA plug 110V/220V/50Hz/60Hz
81111080000	MS-S Analog Magnetic Stirrer, Porcelain enamel, Euro plug 110V/220V/50Hz/60Hz
811111200000	MS-S Analog Magnetic Stirrer, Porcelain enamel, USA plug 110V/220V/50Hz/60Hz
811111300000	MS-S Analog Magnetic Stirrer, Porcelain enamel, UK plug 110V/220V/50Hz/60Hz
811111100000	MS-S Analog Magnetic Stirrer, Porcelain enamel, Cn plug 110V/220V/50Hz/60Hz
811121010000	MS-H-S Analog Hotplate Magnetic Stirrer, Porcelain enamel, Cn plug, 220V/50Hz/60Hz
811121020000	MS-H-S Analog Hotplate Magnetic Stirrer, Porcelain enamel, USA plug, 110V/50Hz/60Hz
811121030000	MS-H-S Analog Hotplate Magnetic Stirrer, Stainless Steel, Cn plug, 220V/50Hz/60Hz
811121040000	MS-H-S Analog Hotplate Magnetic Stirrer, Stainless Steel, USA plug, 110V/50Hz/60Hz
811121050000	MS-H-S Analog Hotplate Magnetic Stirrer, Porcelain enamel, Euro plug, 220V/50Hz/60Hz
811121060000	MS-H-S Analog Hotplate Magnetic Stirrer, Porcelain enamel, UK plug, 220V/50Hz/60Hz
811121100000	MS-H-S Analog Hotplate Magnetic Stirrer, Stainless Steel, Euro plug, 220V/50Hz/60Hz
811121100000	MS-H-S Analog Hotplate Magnetic Stirrer, Stainless Steel, UK plug, 220V/50Hz/60Hz
811121150000	MS-H-S Analog Hotplate Magnetic Stirrer, Porcelain enamel, USA plug, 220V/50Hz/60Hz

## Accessories

Cat No.	Description
18900006	Stirrer bar (10mm x 6mm), 1pcs each pk
18900007	Stirrer bar (15mm x 8mm), 1pcs each pk
18900008	Stirrer bar (20mm x 8mm), 1pcs each pk
18900009	Stirrer bar (25mm x 8mm), 1pcs each pk
12500005	Stirrer bar (30mm x 6mm), 1pcs each pk
18900011	Stirrer bar (40mm x 8mm), 1pcs each pk
12500004	Stirrer bar (51mm x 8mm), 1pcs each pk
18900013	Stirrer bar (65mm x 8mm), 1pcs each pk
18900014	Stirrer bar (80mm x 13mm), 1pcs each pk
18900015	Stirrer bar remover, 1pc
18900018	F100 protective cover, for MS-S, MS-Pro
18900019	F101 protective cover, for MS-H-S, MS-H-Pro

\* O.E.M. option also available.

## Features

- A traditional magnetic stirrer with modern design
- Stainless steel plates and with/without hotplate porcelain enamel surface
- Variable speed of motor
- Motor with electronic speed control, constant speed even during changes in load
- High magnetic adhesion, prevent the stirrer bar escape
- Enclosed assembly (IP 42) and external rotor brushless motor guarantees long service time
- Safe separate circuit, automatically stop to heat when the temperature over 350°C (MS-H-S)

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