

The next generation

All New C-Mag Series



IKA® Magnetic Stirrer with heating

IKA® Magnetic Stirrer without heating

IKA® Hotplate Stirrer

NEW

C-MAG HS 4 / C-MAG HS 7 / C-MAG HS 10

- Fixed safety circuit:** Shuts off heater if temperature rises above 550 °C
- Hot top indicator:** Light flashes to warn user that the surface is hot to the touch
- Digital display:** Allows for accurate and repeatable temperature settings
- Powerful motor:** Stirs viscous materials with a maximum volume of 15 l (H₂O)
- Strong magnet:** High magnetic adhesion prevents stir bar coupling
- Microprocessor control:** Sends feedback to the motor and hotplate to maintain constant speed and set temperature
- Ceramic top:** Seamless one-piece glass-ceramic top provides excellent resistance to chemicals
- Temperature controller:** Connection for ETS D-5 contact thermometer enables precise temperature control of the medium (C-MAG HS 7, C-MAG HS 10, C-MAG HP 7, C-MAG HP 10)
- Elevated control panel:** Minimizes contact with spills and allows for easy reading and adjustment of controls



C-MAG HS 4



C-MAG HS 7



C-MAG HS 10

Technical data	C-MAG HS 4	C-MAG HS 7	C-MAG HS 10
Stirring quantity (H ₂ O)	5 l	10 l	15 l
Speed range	100 - 1,500 rpm	100 - 1,500 rpm	100 - 1,500 rpm
Temperature range	50 - 500 °C	50 - 500 °C	50 - 500 °C
Heat output	250 W	1,000 W	1,500 W
Sensor for temperature in medium	no	ETS-D 5	ETS-D 5
Fixed safety circuit	550 °C	550 °C	550 °C
Material set up plate	glass-ceramics	glass-ceramics	glass-ceramics
Dimensions set up plate	120 x 120 mm	200 x 200 mm	280 x 280 mm
Dimensions (W x D x H)	150 x 260 x 105 mm	220 x 330 x 105 mm	300 x 415 x 105 mm
Weight	aprox. 6.5 lbs	aprox. 11 lbs	aprox. 13.2 lbs
Protection class acc to DIN EN 60529	IP 21	IP 21	IP 21
Certifications	UL / CUL / CE	UL / CUL / CE	UL / CUL / CE
Ident. No.	3581001	3581201	3581401

ETS-D5 / ETS-D6

Electronic Contact Thermometers

ETS-D5

- With optimised PID control
- RESET function
- Incl. stainless steel sensor H 62
- For all magnetic stirrers with contact thermometer bushing according to DIN 12878, class 2 (e.g. **IKA®**, **Heidolph**, **Corning** etc.)
- With 3 patented operating modes

ETS-D6 with pH

- With optimised PID control
- RESET function
- With integrated pH measuring instrument
- Incl. sensor H 62
- For all magnetic stirrers with contact thermometer bushing according to DIN 12878, class 2 (e.g. **IKA®**, **Heidolph** and **Corning** with adapter AD-C1)
- With 3 patented operating modes
- Ensures perfect temperature control without overshooting the set temperature even in the case of quick heating

Large, graphic LCD display with multilingual user guide

- PH electrode not included

	ETS-D5	ETS-D6
Temperature		
Temperature measuring range	-50 - 450 °C	-50 - 450 °C
Resolution	0.01 K	0.01 K
Measuring accuracy	± 0.2 K + Sensor tolerance PT 1000 DIN IEC 751 class A	± 0.05 K + Sensor tolerance PT 1000 DIN IEC 751 class A
Setting accuracy	0.1 K	0.1 K
Control deviation	± 0.5 K	± 0.2 K
pH measurement		
Measuring range	—	0 - 14 pH
Accuracy	—	± 0.1 pH
Resolution	—	± 0.01 pH
pH connection	—	BNC bushing
General data		
Supply voltage	8 - 16 VDC	8 - 16 VDC
Power consumption	10 mA (at 9 V)	15 mA (at 9 V)
Permissible ambient temperature	0 - 60 °C	0 - 60 °C
Permissible relative humidity	80 %	80 %
Max. ON time	100 %	100 %
Protection class acc. to DIN EN 60529	IP 54	IP 54
Plug	6 pin DIN 45322	6 pin DIN 45322
Connection	DIN 12878 class 2	DIN 12878 class 2
Dimensions (W x D x H)	82 x 22 x 83 mm (without sensor)	96 x 45 x 98 mm (without sensor)
Weight	1 lb	1 lb
Ident. No.	3378000	3378100
List Price	\$376.00	Call for pricing

Patented: 3 modes of operation guarantee optimum adjustment to your working method:

- Operating mode A
Suitable for work with varying parameters (from -50 °C to 450 °C). Safety temperature adjustable
- Operating mode B
Suitable for series operation under uniform conditions
- Operating mode C
Suitable for unsupervised operation
- All values are taken from the memory. This ensures perfect protection against inadvertent improper adjustment.



ETS-D5



ETS-D6

new

C-MAG HP 4 / C-MAG HP 7 / C-MAG HP 10

Fixed safety circuit:	Shuts off heater if temperature rises above 550°C
Hot top indicator:	Light flashes to warn user that the surface is hot to the touch
Digital display:	Allows for accurate and repeatable temperature settings
Microprocessor control:	Sends feedback to the motor and hotplate to maintain constant speed and set temperature
Ceramic top:	Seamless one-piece glass-ceramic top provides excellent resistance to chemicals
Temperature controller:	Connection for ETS-D5 contact thermometer enables precise temperature control of the medium
Elevated control panel:	Minimized contact with spills and allows for easy reading and adjustment of controls

Technical Data	C-MAG HP 4	C-MAG HP 7	C-MAG HP 10
Temperature range	50 - 500 °C	50 - 500 °C	50 - 500 °C
Heat output	250 W	1,000 W	1,500 W
Sensor for temperature in medium	no	ETS-D 5	ETS-D 5
Fixed safety circuit	550 °C	550 °C	550 °C
Material set up plate	glass-ceramics	glass-ceramics	glass-ceramics
Dimensions set up plate	120 x 120 mm	200 x 200 mm	280 x 280 mm
Dimensions (W x D x H)	150 x 260 x 105 mm	220 x 330 x 105 mm	300 x 415 x 105 mm
Weight	approx. 6.5 lbs	approx. 11 lbs	approx. 13.2 lbs
Protection class acc. to DIN EN 60529	IP 21	IP 21	IP 21
Certifications	UL / CUL / CE	UL / CUL / CE	UL / CUL / CE
Ident. No.	3581601	3581801	3582001

C-MAG HP 4

C-MAG HP 7

C-MAG HP 10

Powerful motor:	Stirs viscous materials with a maximum volume 15 l (H ₂)
Strong magnet:	High magnetic adhesion prevents stir bar decoupling
Microprocessor control:	Sends feedback to the motor and hotplate to maintain constant speed and set temperature
Ceramic top:	Seamless one-piece glass-ceramic top provides excellent resistance to chemicals
Elevated control panel:	Minimizes contact with spills and allows for easy reading and adjustment of controls

Technical Data	C-MAG MS 4	C-MAG MS 7	C-MAG MS 10
Stirring Quantity	5 l	10 l	15 l
Speed Display (H ₂ O)	scale	scale	scale
Speed Range	100 - 1,500 rpm	100 - 1,500 rpm	100 - 1,500 rpm
Material set up plate	glass-ceramic	glass-ceramic	glass-ceramic
Dimensions set up plate	120 x 120 mm	200 x 200 mm	280 x 280 mm
Dimensions (W x D x H)	150 x 260 x 105 mm	220 x 330 x 105 mm	300 x 415 x 105 mm
Weight	aprox. 6.5 lbs	aprox. 11 lbs	aprox. 13.2 lbs
Protections calss acc. to DIN EN 60529	IP 21	IP 21	IP 21
Certifications	UL / CUL / CE	UL / CUL / CE	UL / CUL / CE
Ident. No.	3582201	3582401	3582601

C-MAG MS 4

C-MAG MS 7

C-MAG MS 10