

# Magnetic stirrers without heating

## C-MAG MS 4 / C-MAG MS 7 / C-MAG MS 10

New magnetic stirrers without heating. With glass ceramics set-up plate which offers excellent chemical resistance.

- Powerful motor for stirring quantities of up to 5l, 10 l, 15l (H<sub>2</sub>O)
- Elevated control panel for protection against leaking liquids

	C-MAG MS 4	C-MAG MS 7	C-MAG MS 10
<b>Technical data</b>			
Stirring quantity (H <sub>2</sub> O)	5 l	10 l	15 l
Motor rating input	15 W	15 W	15 W
Motor rating output	1,5 W	1,5 W	1,5 W
Speed display	scale	scale	scale
Speed range	100 – 1.500 rpm	100 – 1.500 rpm	100 – 1.500 rpm
Max. magnetic bar (L x Ø)	30 x 8 mm	80 x 10 mm	80 x 10 mm
<b>Set-up plate</b>			
Material	glass ceramics	glass ceramics	glass ceramics
Dimensions	100 x 100 mm	180 x 180 mm	260 x 260 mm
<b>General data</b>			
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	3 kg	5 kg	6 kg
Permissible ambient temperature	5 – 40 °C	5 – 40 °C	5 – 40 °C
Permissible relative humidity	80 %	80 %	80 %
Protection class acc. to DIN EN 60529	IP 21	IP 21	IP 21
Ident. No.	3582200	3582400	3582600



C-MAG MS 4



C-MAG MS 7



C-MAG MS 10

Accessories: IKAFLON®-Stirring bars, TRIKA®-Stirring bars, RS 1 Set of stirring bars, RSE Stirring bar remover.

Subject to technical changes. Indications not binding for delivery.



Designed  
to work perfectly

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# IKA®

## C-MAG Magnetic stirrers & Hotplates

**2009** NEW: WITH GLASS CERAMICS SURFACE!



Designed  
to work perfectly

# Magnetic stirrers with heating

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

New magnetic stirrers with heating and glass ceramics heating plate which offers excellent chemical resistance.

- Powerful motor for stirring quantities of up to 5 l, 10l, 15l (H<sub>2</sub>O)
- Fixed safety circuit of 550 °C
- Hot Top indicator >> hot surface warning to prevent burns!
- Exact temperature setting via digital display (LED)
- Digital error code display
- Elevated control panel for protection against leaking liquids

**C-MAG HS 7, C-MAG HS 10 additionally:**

- Bushing according to DIN 12878 for connecting a contact thermometer, e.g. ETS-D5, enables precise temperature control

	C-MAG HS 4	C-MAG HS 7	C-MAG HS 10
<b>Technical data</b>			
Stirring quantity (H <sub>2</sub> O)	5 l	10 l	15 l
Motor rating input	15 W	15 W	15 W
Motor rating output	1,5 W	1,5 W	1,5 W
Speed display	scale	scale	scale
Speed range	100 – 1.500 rpm	100 – 1.500 rpm	100 – 1.500 rpm
Max. magnetic bar (L x Ø)	30 x 8 mm	80 x 10 mm	80 x 10 mm
<b>Heating function</b>			
Temperature display	digital	digital	digital
Heat output	250 W	1.000 W	1.500 W
Heating rate (1 l H <sub>2</sub> O)	2,5 K/min	5 K/min	5 K/min
Temperature range	50 – 500 °C	50 – 500 °C	50 – 500 °C
Setting accuracy	± 10 K	± 10 K	± 10 K
Safety circuit fixed	550 °C	550 °C	550 °C
Control accuracy with sensor	–	ETS-D5 / ± 0,5 K ETS-D6 / ± 0,2 K	ETS-D5 / ± 0,5 K ETS-D6 / ± 0,2 K
<b>Heating plate</b>			
Material	glass ceramics	glass ceramics	glass ceramics
Dimensions	100 x 100 mm	180 x 180 mm	260 x 260 mm
<b>General data</b>			
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	3 kg	5 kg	6 kg
Permissible ambient temperature	5 – 40 °C	5 – 40 °C	5 – 40 °C
Permissible relative humidity	80 %	80 %	80 %
Protection class acc. to DIN EN 60529	IP 21	IP 21	IP 21
<b>Ident. No.</b>	<b>3581000</b>	<b>3581200</b>	<b>3581400</b>



C-MAG HS 4



C-MAG HS 7



C-MAG HS 10

# Hotplates

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

New hotplates made of glass ceramics which offers excellent chemical resistance.

- Fixed safety circuit of 550 °C
- Hot Top indicator >> hot surface warning to prevent burns!
- Exact temperature setting via digital display (LED)
- Digital error code display
- Elevated control panel for protection against leaking liquids

**C-MAG HP 7, C-MAG HP 10 additionally:**

- Bushing according to DIN 12878 for connecting a contact thermometer, e.g. ETS-D5, enables precise temperature control

	C-MAG HP 4	C-MAG HP 7	C-MAG HP 10
<b>Heating function</b>			
Temperature display	digital	digital	digital
Heat output	250 W	1.000 W	1.500 W
Heating rate (1 l H <sub>2</sub> O)	2,5 K/min	5 K/min	5 K/min
Temperature range	50 – 500 °C	50 – 500 °C	50 – 500 °C
Setting accuracy	± 10 K	± 10 K	± 10 K
Safety circuit fixed	550 °C	550 °C	550 °C
Control accuracy with sensor	–	ETS-D5 / ± 0,5 K ETS-D6 / ± 0,2 K	ETS-D5 / ± 0,5 K ETS-D6 / ± 0,2 K
<b>Heating plate</b>			
Material	glass ceramics	glass ceramics	glass ceramics
Dimensions	100 x 100 mm	180 x 180 mm	260 x 260 mm
<b>General data</b>			
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	3 kg	5 kg	6 kg
Permissible ambient temperature	5 – 40 °C	5 – 40 °C	5 – 40 °C
Permissible relative humidity	80 %	80 %	80 %
Protection class acc. to DIN EN 60529	IP 21	IP 21	IP 21
<b>Ident. No.</b>	<b>3581600</b>	<b>3581800</b>	<b>3582000</b>



C-MAG HP 4



C-MAG HP 7



C-MAG HP 10

**Accessories:** IKAFLO<sup>®</sup>- Stirring bars, TRIKA<sup>®</sup>-Stirring bars, RS 1 Set of stirring bars, RSE Stirring bar remover, Bath attachments: H 15, H 28. C-MAG HS 7, C-MAG HS 10 additionally: Electronic contact thermometers: ETS-D5, ETS-D6.

**Accessories:** Bath attachments: H 15, H 28. C-MAG HP 7, C-MAG HP 10 additionally: Electronic contact thermometers: ETS-D5, ETS-D6.