

Data Sheet

Mixing / Magnetic Stirrers



C-MAG HS 7 digital IKAMAG®

New magnetic stirrer with heating and ceramic heating plate which offers excellent chemical resistance.

- Powerful motor for stirring quantities of up to 10 l (H₂O)
- Simultaneous digital display of target and actual temperatures via LCD display
- Directly connection for a PT 1000 temperature sensor enable a precise temperature control (PT 1000.60 included in delivery)
- Control accuracy in medium +/- 0,5 K (in combination with PT 1000)
- Display of actual temperature value in medium with 0,1 K resolution when using PT 1000 temperature sensor
- 3 operating modes to choose (standard, safe, adjustment protection)
- Fixed safety circuit of 550 °C
- Hot Top indicator >> hot surface warning to prevent burns!
- Digital error code display
- Elevated control panel for protection against leaking liquids

Accessories: H 38 Holding rod, H 44 Boss head clamp, IKAFLON® 10 Magnetic stirring bar, IKAFLON® 15 Magnetic stirring bar, IKAFLON® 20 Magnetic stirring bar, IKAFLON® 25 Magnetic stirring bar, IKAFLON® 30 Magnetic stirring bar, IKAFLON® 40 Magnetic stirring bar, IKAFLON® 50 Magnetic stirring bar, IKAFLON® 80 Magnetic stirring bar, TRIKA® 25 Magnetic stirring bar, TRIKA® 40 Magnetic stirring bar, RS 1 Set of magnetic stirring bars, RSE Stirring bar remover, H 16 V Support rod

Technical Data	
Number of stirring positions	1
Stirring quantity max. per stirring position (H ₂ O) [l]	10
Stirring quantity max. (H ₂ O) [l]	10
Motor rating input [W]	15
Motor rating output [W]	1.5
Speed display	scale
Speed range [rpm]	100 - 1500
Stirring bar length max. [mm]	80
Heat output [W]	1000
Heating rate (1 l H ₂ O in H15) [K/min]	5
Heating temperature range [°C]	50 - 500
Heat control	stepless
Heat control accuracy [±K]	1
Speed control	scale 1-10
Fixed safety circuit [°C]	550
Connection for ext. temperature sensor	PT1000
Control accuracy with sensor [±K]	0.5
Temperature constancy in medium [±K]	0.5
Accuracy of temperature measurement ±0.2 + tolerance PT1000 (DIN IEC 751 Class A)	
Temperature measurement resolution [K]	0.1
Set-up plate material	ceramic
Set-up plate dimensions [mm]	180 x 180
Dimensions (W x H x D) [mm]	215 x 105 x 330
Weight [kg]	5
Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80
Protection class according to DIN EN 60529	IP 21
Voltage [V]	230 / 120 / 100
Frequency [Hz]	50/60
Power input [W]	1020
Ident. No.	3487000



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



UK Office

Keison Products,

P.O. Box 2124, Chelmsford, Essex, CM1 3UP, England.

Tel: +44 (0)330 088 0560

Fax: +44 (0)1245 808399

Email: sales@keison.co.uk

Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.