

Data Sheet

Mixing / Magnetic Stirrers



RH basic

Newly designed, economic magnetic stirrer with heating. Bushing according to DIN 12878 for connecting an electronic contact thermometer, such as the ETS-D5. Highly accurate temperature control is possible with sensor placed directly in the medium. High heat output of 600 watts and stainless steel compound hot plate ensures rapid heating. Adjustable safety temperature from 100 to 360 °C.

- Soft-start of the stirring motor
- Includes M 10 thread for a support rod
- Strong magnetic field and wide speed range for volumes up to 15 liters

Accessories: H 29 Oil bath attachment, H 30 Oil bath attachment, H 1000, H 1500, H 3000, H 102 Cover for RH basic, H 16 V Support rod, H 16.3 Extension, H 44 Boss head clamp, H 38 Holding rod, ETS-D5, ETS-D6, H 62.51 Stainless steel sensor, H 66.51 Stainless steel sensor, glass-coated, H 66.53 Temperature sensor, coated, H 70 Extension cable, H 135.10 Square carrier without handle, H 135.11 Square carrier with handle, H 135.101 Block 16 x 4 ml, H 135.102 Block 16 x 8 ml, H 135.103 Block 9 x 16 ml, H 135.104 Block 4 x 20 ml, H 135.105 Block 4 x 30 ml, H 135.106 Block 4 x 40 ml, H 135.107 Block 100 ml, H 135.108 Block 250 ml, H 135.20 Flask carrier 100 ml without handle, H 135.21 Flask carrier 100 ml with handle, H 135.201 Flask inlay 10 ml, H 135.202 Flask inlay 25 ml, H 135.203 Flask inlay 50 ml, H 135.25 Flask carrier 250 ml without handle, H 135.26 Flask carrier 250 ml with handle, H 135.30 Flask carrier 500 ml without handle, H 135.31 Flask carrier 500 ml with handle, H 135.301 Flask inlay 100 ml, H 135.302 Flask inlay 250 ml, H 135.40 Flask carrier 1000 ml without handle, H 135.41 Flask carrier 1000 ml with handle, H 135.401 Flask inlay 500 ml, H 135.50 Flask carrier 2000 ml without handle, H 135.51 Flask carrier 2000 ml with handle, H 135.501 Flask inlay 1000 ml, IKAFLON® 10 Set (5 Pcs) round PTFE-coated Magnetic stirring bars, IKAFLON® 15 Set (5 Pcs) round PTFE-coated Magnetic stirring bars, IKAFLON® 20 Set (5 Pcs) round PTFE-coated Magnetic stirring bars, IKAFLON® 25 Set (5 Pcs) round PTFE-coated Magnetic stirring bars, IKAFLON® 30 Set (5 Pcs) round PTFE-coated Magnetic stirring bars, IKAFLON® 40 Set (5 Pcs) round PTFE-coated Magnetic stirring bars, IKAFLON® 50 Set (5 Pcs) round PTFE-coated Magnetic stirring bars, IKAFLON® 80 Set (5 Pcs) round PTFE-coated Magnetic stirring bars, IKAFLON® glass 25 Set (5 Pcs) round Magnetic stirring bars, IKAFLON® glass 30 Set (5 Pcs) round

Technical Data	
Number of stirring positions	1
Stirring quantity max. per stirring position (H ₂ O) [l]	15
Motor rating output [W]	2
Direction of rotation	left
Speed display set-value	scale
Speed control	Turning knob
Speed range [rpm]	100 - 2000
Stirring bar length min. [mm]	20
Stirring bar length max. [mm]	80
Self-heating of the hotplate by max. stirring (RT:22°C/duration:1h) [+K]	28
Heat output [W]	600
Temperature display set-value	scale
Temperature unit	°C
Heating temperature range [°C]	50 - 320
Heat control	scale
Temperature setting range min. [°C]	0
Temperature setting range max. [°C]	320
Connection for ext. temperature sensor	ETS-D5
Characteristics in the medium with temperature sensor	1l M50 Oil at H1500
Heating rate medium [K/min]	6
Adjustable safety circuit min. [°C]	100
Adjustable safety circuit max. [°C]	360
Set-up plate material	stainless steel 1.4301
Set-up plate dimensions [mm]	Ø 135
Automatic reverse rotation	no
Intermittend mode	no
Viscosity trend measurement	no
Break detection stirring bar	no
Timer	no
pH measurement	no
Graph function	no
Programs	no
Sensor in medium detection (Error 5)	no
Weighing function	no
Dimensions (W x H x D) [mm]	160 x 100 x 250
Weight [kg]	2.8
Permissible ambient temperature [°C]	5 - 40
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 21
RS 232 interface	no
USB interface	no
Analog output	no
Voltage [V]	230 / 115 / 100
Frequency [Hz]	50/60
Power input [W]	620
Ident. No.	0005019700

Magnetic stirring bars, IKAFLON® glass 40 Set (5 Pcs) round
Magnetic stirring bars, IKAFLON® glass 50 Set (5 Pcs) round
Magnetic stirring bars, IKAFLON® 20 Set (5 Pcs) power SmSo
PTFE-coated Magnetic stirring bars, IKAFLON® 30 Set (5 Pcs) power
SmSo PTFE-coated Magnetic stirring bars, IKAFLON® 50 Set (5 Pcs)
power SmSo PTFE-coated Magnetic stirring bars, IKAFLON® 25 Set
(5 Pcs) slide round PTFE-coated Magnetic stirring bars, IKAFLON®
30 Set (5 Pcs) slide round PTFE-coated Magnetic stirring bars,
IKAFLON® 40 Set (5 Pcs) slide round PTFE-coated Magnetic stirring
bars, IKAFLON® 50 Set (5 Pcs) slide round PTFE-coated Magnetic
stirring bars, IKAFLON® 9 Set (5 Pcs) crown PTFE-coated Magnetic
stirring bars, IKAFLON® 20 Set (5 Pcs) ellipse PTFE-coated Magnetic
stirring bars, IKAFLON® 25 Set (5 Pcs) ellipse PTFE-coated Magnetic
stirring bars, IKAFLON® 30 Set (5 Pcs) ellipse PTFE-coated Magnetic
stirring bars, IKAFLON® 35 Set (5 Pcs) ellipse PTFE-coated Magnetic
stirring bars, IKAFLON® 40 Set (5 Pcs) ellipse PTFE-coated Magnetic
stirring bars, IKAFLON® 50 Set (5 Pcs) ellipse PTFE-coated Magnetic
stirring bars, IKAFLON® 60 Set (5 Pcs) ellipse PTFE-coated Magnetic
stirring bars, IKAFLON® 70 Set (5 Pcs) ellipse PTFE-coated Magnetic
stirring bars, IKAFLON® 10 Set (5 Pcs) cross PTFE-coated Magnetic
stirring bars, IKAFLON® 20 Set (5 Pcs) cross PTFE-coated Magnetic
stirring bars, IKAFLON® 25 Set (5 Pcs) cross PTFE-coated Magnetic
stirring bars, IKAFLON® 30 Set (5 Pcs) cross PTFE-coated Magnetic
stirring bars, IKAFLON® 38 Set (5 Pcs) cross PTFE-coated Magnetic
stirring bars, IKAFLON® 37 Set (5 Pcs) bone PTFE-coated Magnetic
stirring bars, IKAFLON® 54 Set (5 Pcs) bone PTFE-coated Magnetic
stirring bars, TRIKA® 25 Set (5 Pcs) PTFE-coated Magnetic stirring
bars, TRIKA® 35 Set (5 Pcs) PTFE-coated Magnetic stirring bars,
TRIKA® 55 Set (5 Pcs) PTFE-coated Magnetic stirring bars, TRIKA®
80 Set (5 Pcs) PTFE-coated Magnetic stirring bars, IKAFLON® 67 (1
Pc) beaker PTFE-coated Magnetic stirring bars, IKAFLON® 74 (1 Pc)
beaker PTFE-coated Magnetic stirring bars, RS 1 Set of magnetic
stirring bars, RS 2 Set of magnetic stirring bars, RSE Stirring bar
remover, BC 1000 Beaker cap, HG 600 Heating jacket, HG 1000
Heating jacket