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- ITAR CERTIFIED SECURE ASSET SOLUTIONS

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Data Sheet

Mixing / Magnetic Stirrers



RET basic IKAMAG® safety control

The classic: Now with new design, functions and features.

new: Wide speed range from 50 - 1.700 rpm

new: Integrated temperature control

new: Incl. PT 1000 temperature sensor (PT 1000.60)

new: Exact temperature and speed setting via digital display, even when switched off

new: Set safety temperature limit displayed digitally

new: Hot Top indicator >> hot surface warning to prevent burns!

new: Digital error code display

- With adjustable safety circuit of heating plate temperature (50 - 380 °C)

- Safety magnetic stirrer with heating, suitable for unsupervised operation

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

- High level of safety thanks to improved heat control technology

- Enclosed assembly (IP 42) guarantees long service life

- Very broad temperature range (RT - 340 °C)

- Extremely fast heating times

- Electronic speed control

- High magnetic adhesion

- Incl. protection cover H 100

Accessories: ETS-D5, H 11 Mains cable CH plug, H 38 Holding rod, ETS-D6, H 11 Mains cable UK plug, H 11 Mains cable USA plug, H 11 Mains cable Euro plug, H 16.1 Extension, H 99 Protective cover, H 16 V Support rod, R 380 Stand support, H 44 Boss head clamp, H 15 Bath attachment, H 28 Bath attachment, H 29 Oil bath attachment, H 30 Oil bath attachment, 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

Technical Data	
Number of stirring positions	1
Stirring quantity max. per stirring position (H2O) [l]	20
Speed deviation of individual stirring positions [%]	5
Stirring quantity max. (H2O) [l]	20
Motor rating input [W]	16
Motor rating output [W]	9
Speed display	LED
Speed range [1/min]	50 - 1700
Stirring bar length max. [mm]	80
Heat output [W]	600
Heating rate (1 l H2O in H15) [K/min]	7
Heating temperature range [°C]	50 - 340
Heat control	LED
Heat control accuracy [±K]	1
Speed control	stepless
Adjustable safety circuit min. [°C]	50
Adjustable safety circuit max. [°C]	380
Connection for ext. temperature sensor	DIN 12 878
Control accuracy with sensor [±K]	1
Temperature constancy in medium [±K]	1
Set-up plate material	stainless steel 1.4301
Set-up plate dimensions [mm]	Ø 135
Dimensions (W x H x D) [mm]	160 x 95 x 270
Weight [kg]	2.5
Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80
Protection class according to DIN EN 60529	IP 42
RS 232 interface	no
Analog output	no
Voltage [V]	220 - 230 / 115 / 100
Frequency [Hz]	50/60
Power input [W]	630
Ident. No.	3622000



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