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Find the *IKA RET Basic C* at our website: *Click HERE*

Data Sheet

Mixing / Magnetic Stirrers



RET basic C IKAMAG® safety

Newly improved magnetic stirrer with sophisticated heating and stirring technologies. The RET basic (with stainless steel surface) and the RET basic C (with white coated surface, chemical resistant) are exemplified by:
- Extremely fast heating times
- Very broad temperature range (RT - 340 °C)
- Adjustable safety circuit (50 - 380 °C)
- Electronic speed control
- Speed range from 0 - 1,500 rpm
- Bushing according to DIN 12878 for the use of contact thermometers (e.g. ETS-D5 or ETS-D6)
- Incl. protection cover H 99

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
Stirring quantity max. (H2O) [l]	20
Motor rating input [W]	12
Motor rating output [W]	5
Speed display	scale
Speed range [1/min]	0 - 1500
Stirring bar length max. [mm]	80
Heat output [W]	600
Heating rate (1 l H2O in H15) [K/min]	7
Heating temperature range [°C]	room temp. - 340
Heat control	stepless
Heat control accuracy [±K]	10
Speed control	stepless
Adjustable safety circuit min. [°C]	50
Adjustable safety circuit max. [°C]	380
Connection for ext. temperature sensor	ETS-D 4 fuzzy
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 97 x 280
Weight [kg]	2.4
Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80
Protection class according to DIN EN 60529	IP 42
Voltage [V]	220 - 230 / 115 / 100
Frequency [Hz]	50/60
Power input [W]	630
Ident. No.	**3197600**

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Subject to technical changes

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