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Find the *IKA RET Control Visc* at our website: ***Click HERE***

Data Sheet

Mixing / Magnetic Stirrers



RET control visc IKAMAG® safety control

Safety magnetic stirrer with heating, suitable for unsupervised operation.
- Option: 1 sensor for medium temperature (PT 100) or 2 separate temperature sensors for heat transfer fluid and medium (PT 1000) available (automatic identification)
- 2 adjustable safety circuits
- Stirring bar crack detection
- With stainless steel surface
- Setting acc. medium temperature: 0,5 K
- HOT warning display indicating presence of any residual heat when the unit is switched off
- Easy-to-read backlit LCS display
- Display resolution actual medium temperature: 0,1 K (RT to 100 °C); 1 K (from 100 °C upwards)
- Fuzzy control and microprocessor technology guarantee maximum control accuracy
- PC control via RS 232 interface, with optional safety function
- Software labworldsoft® is available to control and document all measuring values via PC
- HOT visual warning for hot heating plate
- 3 modes of operation, e.g. stirring and heating functions can be secured against inadvertent changes of set parameters
- Viscosity trend display
- Enclosed assembly (IP 42) guarantees long service life
- Incl. Protection cover H 99

Accessories: H 16.1 Extension, H 11 Mains cable CH plug, H 11 Mains cable Euro plug, H 11 Mains cable USA plug, H 38 Holding rod, H 11 Mains cable UK plug, PT 100.50 Temperature sensor, PT 100.51 Temperature sensor, PT 1000.50 Temperature sensor, PT 1000.51 Temperature sensor, 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,

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	LCD
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]	1
Speed control	stepless
Adjustable safety circuit min. [°C]	50
Adjustable safety circuit max. [°C]	350
Connection for ext. temperature sensor	PT 100
Control accuracy with sensor [±K]	0.2
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]	2.8
Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80
Protection class according to DIN EN 60529	IP 42
RS 232 interface	yes
Analog output	yes
Voltage [V]	220 - 230 / 115
Frequency [Hz]	50/60
Power input [W]	630
Ident. No.	**3364000**

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Subject to technical changes

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