IKA

designed for scientists

EUROSTAR 20 high speed control
/// Data Sheet

High speed laboratory stirrer designed with a removable wireless controller and a digital TFT display. It automatically adjusts the speed through microprocessor controlled technology within the speed range of 0/150 - 6000 rpm. The stirrer comes equipped with a RS 232 and a USB interface to control and document all parameters, and an update of the current firmware. An integrated torque trend display is provided for the measurement of viscosity changes. The included precision stirrer shaft is 280 mm long and has a maximum immersion depth of 220 mm.

- Multilingual TFT display
- Programmable functions

IKA

designed for scientists

- Integrated temperature measurement
- Interval operation
- Timer function
- Adjustable safety circuit
- Locked function
- Infinitely adjustable speed
- Push-through agitator shafts
- Overload protection
- Short-term overload operation
- Slim casing
- Quiet operation
- Error code display
- H 67.60 temperature sensor and WH 11 WiCo holder included in delivery

IKA

designed for scientists

Technical Data

Stirring quantity max. per stirring position (H2O) [l]	20
Motor rating input [W]	176
Motor rating output [W]	125
Motor principle	Brushless DC
Speed display	TFT
Speed range [rpm]	0/150 - 6000
Intermittent operation	yes
Viscosity max. [mPas]	10000
Output max. at stirring shaft [W]	125
Permissible ON time [%]	100
Torque max. at stirring shaft [Ncm]	20
Speed control	stepless
Setting accuracy speed [±rpm]	1
Deviation of speed measurement n > 300rpm [±%]	1
Deviation of speed measurement n < 300rpm [±rpm]	3
Stirring element fastening	special output shaft
Connection for ext. temperature sensor	PT1000
Temperature display	yes
Fastening on stand	extension arm
Extension arm diameter [mm]	16
Extension arm length [mm]	220
Torque display	yes
Nominal torque [Nm]	0.2
Torque measurement	trend
Deviation of torque measurement I [±Ncm]	6
Timer	yes
Timer display	TFT
Time setting range [min]	1 - 6000
Temperature measuring range [°C]	-10 - +350
Temperature measurement resolution [K]	0.1
Accuracy of temperature measurement [K]	±0.5 + tolerance PT1000 (DIN IEC 751 Class A)
Limit deviation temperature sensor [K]	≤ ± (0.15 + 0.002xITI)
Housing material	alu-cast coating / thermoplastic polymer
Communication distance (depend onbuilding) max. [m]	150
Dimensions (W x H x D) [mm]	86 x 325 x 230
Weight [kg]	5.242
Permissible ambient temperature [°C]	5 - 40
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 40
RS 232 interface	yes
USB interface	yes
Voltage [V]	230 / 115 / 100
Frequency [Hz]	50/60
Power input [W]	176

WolfLabs

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct.
If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

www.wolflabs.co.uk

Tel : 01759 301142

Fax : 01759 301143

sales@wolflabs.co.uk

Please contact us if this literature doesn't answer all your questions.