



designed for scientists



NANOSTAR 7.5 digital

/// Data Sheet

The overhead stirrer NANOSTAR 7.5 digital is 30 % smaller than the MICROSTAR 7.5 digital and therefore even more space-saving. However, its performance remains the same. NANOSTAR 7.5 digital convinces with perfect basic functionalities, its compact design and is with just 0,8 kg easy to handle.

Constant torque

NANOSTAR 7.5 digital guarantees a constant torque over the entire rpm range from 50 - 2.000 rpm.

Ease of operation



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Operation takes place using a stable rotary knob. The display clearly shows the rotational speed.

Rapid updates

Regular software updates can be undertaken rapidly and simply via the USB interface.



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Technical Data

Stirring quantity max. per stirring position (H2O) [l]	5
Motor rating input [W]	32
Motor rating output [W]	22
Motor principle	Brushless DC
Speed display	LED
Speed range [rpm]	0/50 - 2000
Viscosity max. [mPas]	4000
Output max. at stirring shaft [W]	15.7
Permissible ON time [%]	100
Torque max. at stirring shaft [Ncm]	7.5
Speed control	Turning knob
Setting accuracy speed [\pm rpm]	1
Deviation of speed measurement $n > 300$ rpm [\pm %]	1
Deviation of speed measurement $n < 300$ rpm [\pm rpm]	3
Stirring element fastening	chuck
Chuck range diameter [mm]	0.5 - 8.2
Hollow shaft, inner diameter [mm]	8.5
Hollow shaft (push-through - when stopped)	yes
Fastening on stand	extension arm
Extension arm diameter [mm]	13
Extension arm length [mm]	160
Nominal torque [Nm]	0.075
Timer display	none
Housing material	alu-cast coating / thermoplastic polymer
Dimensions (W x H x D) [mm]	53 x 147 x 130
Weight [kg]	0.8
Permissible ambient temperature [°C]	5 - 40
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 54
USB interface	yes
Voltage [V]	100 - 240
Frequency [Hz]	50/60
Power input [W]	32
Power input standby [W]	0.3
DC Voltage [V=]	24
Current consumption [mA]	1300





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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.

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