

High Speed Overhead Stirrers WOHS-20 HPro



Designed for blending medium to high-viscosity liquids or solid-liquid mixtures. Primarily employed in chemical synthesis, pharmaceuticals, physicochemical analysis, petrochemicals, cosmetics, health products, food, biotechnology, and related areas.

- > Ideal for stirring tasks involving large volumes and high-viscosity samples
- > Offers various mixing speeds or torque options.
- > Utilizes microcomputer control technology for consistent speed.
- > Features a maintenance-free brushless DC motor, designed for extended, high-load laboratory work.
- > Provides two adjustable speed ranges, with low-speed torque exceeding five times the high-speed torque.
- > Compatible with a broad selection of mixing impellers.



Pumps



Rotary Evaporators



Stirrers



Heating



Shakers



Incubators



Homogenizers



Reactors



Gas Generators

WIGGENS GmbH

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Ust-IdNr.: DE319012835 | HRB 34379, Wuppertal

Volksbank pur EG | IBAN DE31 6619 0000 0029 6388 70 | BIC GENODE61KA1

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TFT Display

TFT display with vivid luminance is easy to read, even from a long



Precise speed control

Easy operation of all parameters using the central turning knob and touch key.
Accuracy ± 1 rpm



RS232 / RS485

The stirrer comes equipped with RS 232 and RS485 interface to control and document all parameters.



Working status indicator

Standby (blue) , Running (green) , Alarm (red)



Timer

99hr99min59sec

Automatic timing function, after start the stirring, the display will automatically start the function: countdown the running time.



Brushless DC motor

For long life span, low maintenance and quiet running.



Temperature measurement

Temperature measuring range: $-10 \sim 350^{\circ}\text{C}$

Temperature measurement resolution: 0.1°C



Keyless chuck

It allows you to quickly and easily remove the stirring elements without any tools.
Clamping range: 0.5-10mm



High Torque / High Speed

Offering the best mixing results, even for challenging applications.

The Pro Series stirrer can accomplish the most demanding tasks while providing the highest safety and increased performance life!

Sealed housing guarantees longevity and maintenance-free 24-hour operation in an aggressive environment



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Specifications

Model	WOHS-20 HPro
Order No.	W3041060
Speed range [rpm]	60~1200(I) 1201~6000(II)
Torque max. at stirring shaft [N-cm]	170(I) 34(II)
Maximum Stirring volume(L)H2O	100
Maximum stirring viscosity (cps)	70000
Maximum Torque [N-cm]	170
Setting accuracy speed [rpm]	1
Deviation of speed measurement $n > 300\text{rpm}$	$\pm 3 \%$
Speed Display	TFT
Speed setting	Touch key and turning knob
Time setting range	99h59min59sec
Temperature measuring range	-10~350
Temperature measurement resolution	0.1
IP code	IP42 IP40
Working status indicator	Standby (blue) , Running (green) , Alarm (red)
Interface RS-232/485 and analog connection	Yes
Power [W]	150
Motor principle	Brushless DC motor
Stirring element fastening	Keyless chuck, easy to install and replace the shaft
Chuck range diameter [mm]	0.5~10
Hollow shaft, inner diameter [mm]	10.2
Power supply	100~240VAC, 50/60Hz



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