FAVS
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OHS 70RS Digital

Overhead Stirrer

Digital overhead stirrer with separate motor and controller, designed for fume hoods, jacketed reactors, and space-constrained setups

velp®

Driven by curiosity



Greater Flexibility

Designed for setups where space and accessibility are limited, the OHS 70RS Digital allows the motor to be positioned above the reaction vessel while keeping the controller in a convenient, accessible location. This configuration simplifies installation in fume hoods and with jacketed reactors or glassware featuring narrow ground-glass necks.

- Separate motor and controller for greater flexibility in positioning around the reaction vessel.
- Ideal for space-constrained setups, including fume hoods and jacketed reactors, with controls kept within easy reach.
- Up to 70 Ncm torque for stirring volumes up to 30 L (H_2O) and viscosities up to 60,000 mPa·s.
- Adjustable speed from 30 to 800 rpm to suit a wide range of stirring applications.
- Brushless DC motor for low-maintenance operation.
- Complete, ready-to-use System including impeller guide, stirring shaft, 1 L three-neck round-bottom flask, aluminum heating mantle, Mini H-Stand, Controller support.



Find the Right Overhead Stirrer

Instrument - Codes

OHS 70RS Digital	115-230 V / 50-60 Hz	**F201A0723**
OHS 70RS Digital System*	115-230 V / 50-60 Hz	**SA201A0723**

*Includes: OHS 70RS Digital, Mini H-Stand, PTFE Half Moon Shaft, Impeller Guide, 1,000 mL Three-Neck Round-Bottom Flask, Controller Support, Heating Mantle.

Technical Data

Display	LCD
Display size	2 Inches
User interface	Digital
Motor	Brushless DC
Stirring volume (H_2O)	30 L
Speed gears	1
Max torque (Ncm)	70 Ncm
Stirring speed range	30 - 800 rpm
Speed setting resolution	1 rpm
Speed control	Digital
Max viscosity (mPa*s)	60.000 mPa*s
Torque compensation	SpeedServo™
Chuck range Ø	2 -13 mm
Timer	Yes
Interfaces	RS232 and USB-C
ControllerSoft™	Yes
Control Unit - Dimensions (WxHxD) Drive Unit - Dimensions (WxHxD)	93 x 95 x 130 mm (3.66 x 3.74 x 5.12 in) 67 x 187 x 140 mm (2.64 x 7.37 x 5.5 in)
Control Unit - Weight Drive Unit - Weight	0,85 kg (1,87 lb) 1,9 kg (4,18 lb)

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