

“witeg” **WiseStir® HS-D** High-Speed Digital Overhead Stirrer, Max. 10/20Lit., 200 ~ 3.000 rpm with Digital Feedback Control, Steady & Constant Stirring Speed Against Viscosity, up to 50.000 mPas



High-Speed Digital Overhead Stirrer □HS-30D -Set□



High-Speed Digital Overhead Stirrer □HS-100D -Unit□

- **Digital Feedback Control: Steady and Constant Stirring Speed against Viscosity Change of a Sample during Reaction**
- **Patented Jog-Shuttle Control System**
- **CE Certified**

- \* General Purpose Basic Laboratory Mixing
- \* Ideal for Stirring Low-to Medium-Viscous Material
- \* Digital Feedback Control: Steady and Constant Stirring Speed against Viscosity Change of a sample during Reaction
- \* Digital LCD Display with Back-Light Function
- \* Smooth Start and Change of the Stirring Speed
- \* Overload Protection and Over-Heat Protection Functions for Motor
- \* High Speed Stirring by Direct Driven Motor
- \* Digital Timer Function (99hr 59min)
- \* Alarm Function : Error status and Timer-end
- \* The Position(Height) of Impeller is Adjustable.
- \* Storage Function for Set Value : RPM & Timer
- \* Chrome-Plated & Stainless Steel Chuck-Prevention from Corrosion

Specification

Stirring Capacity & Models	Max. 10 Lit. (H <sub>2</sub> O) □HS-30D□	Max. 20 Lit. (H <sub>2</sub> O) □HS-100D□
Maximum Viscosity	10.000 mPas	50.000 mPas
Maximum Torque	85 Ncm	145 Ncm
Speed Range & Resolution	200 ~ 3.000 rpm, 1 rpm-Display / 1 rpm-Control	
Motor	Worm-Geared DC Motor	
Motor Rating (Input / Output)	83 / 75 W, 1 / 10 HP	130 / 120 W, 1 / 6 HP
Timer & Alarm	99hr 59min (with Continuous run.), Error status & Timer-end	
Display	Digital LCD Display with Back-Light Function	
Controller	Digital Feedback Controller with Jog Shuttle Switch (Turn + Push)	
Max. Impeller Shaft Diameter	10 mm	
Permissible Temp. & Humidity	0 ~ 40°C, 80%	
Safety Device	Overload & Heat Protector for Motor	
Material	ABS and Aluminum	
Dimension & Weight	90 × 145 × h180mm, 4,5 kg	90 × 145 × h180mm, 5,3 kg
Packing Size & Gross Weight	320 × 300 × h180mm, 5 kg	320 × 300 × h180mm, 8 kg
Power Consumption	85 W	130 W
Power plug type	Hybrid E+F	
Power Supply*	AC 230V, 1N~, 50/60Hz	

\* Other Specifications are available upon Customer's Request.

Ordering Information

- HS-30D□Package-set : Complete with ① Overhead Stirrer Unit ② □PL010□Stainless Steel Impeller (Rod φ8 × L500mm, Blade φ50mm)  
③ □CL200□Clamp ④ □ST110□Standard Plate Stand (Rod φ16 × L800mm, Plate w20 × d35cm)
- HS-100D□Package-set : Complete with ① Overhead Stirrer Unit ② □PL015□Stainless Steel Impeller (Rod φ8 × L500mm, Blade φ70mm)  
③ □CL200□Clamp ④ □ST120□Wide Plate Stand (Rod φ23 × L1.000mm, Plate w30 × d40cm)

With 10 Lit. Stirring Capa., 10,000 mPas, “HS-30D” Package-set & Unit

DH.WOS01016 High Speed-type Overhead Stirrer, Package-set, 230V  
DH.WOS01015 , Unit only, 230V

With 20 Lit. Stirring Capa., 50,000 mPas, “HS-100D” Package-set & Unit

DH.WOS01026 High Speed-type Overhead Stirrer, Package-set, 230V  
DH.WOS01025 , Unit only, 230V

※ You will find matching beakers in our general catalogue at following pages : 292

※ Refer to page 156, 157 for Accessory Specifications.

※ Refer to page 149 for Product Line & Selection Guide