

DAIHAN-brand® High-Speed Digital Overhead Stirrer, "HS-D", Max.10/20Lit, 200 ~ 3,000 rpm with Digital Feedback Control, Steady & Constant Stirring Speed Against Viscosity, up to 50,000 mPas
 디지털 피드백 고속 교반기, 고속 교반, 중/저점동용, 모터 직결식, Chrome-Plated & Stainless-steel Chuck



(1) Max. 10 Lit. (H₂O) Hi-Speed Digital Overhead Stirrer "HS-30D -Set"



(2) Max. 20 Lit. (H₂O) Hi-Speed Digital Overhead Stirrer "HS-100D -Set"

- Made in Korea
- CE Certified
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- Digital Feedback Control: Steady and Constant Stirring Speed against Viscosity Change of a Sample during Reaction
- Patented Jog-Shuttle Control System
- PL(Product Liability) Insurance

- * 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 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

Specifications & Ordering information

Spec.	Models	(1) "HS-30D"	(2) "HS-100D"
Stirring Capacity		Max. 10 Lit. (H ₂ O)	Max. 20 Lit. (H ₂ O)
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		Direct Driven 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 with Back-Light Function	
Controller		Digital Feedback Controller with Jog Shuttle Switch (Turn + Push)	
Max. Impeller Shaft Diameter		8 mm	
Permissible Temp. & Humidity		0 ~ 40℃, 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
Electrical Reqts.		1 Phase, AC 120 V, 60 Hz or AC 230 V, 50 / 60 Hz	

Package-set			
Cat. No.	230V	DH.WOS01016	DH.WOS01026
	120V	DH.WOS02016	DH.WOS02026
Price, Each. ₩		370,000	406,000
Unit-only			
Cat. No.	230V	DH.WOS01015	DH.WOS01025
	120V	DH.WOS02015	DH.WOS02025
Price, Each. ₩		287,000	313,000

* Other Specifications are available upon Customer's Request.

- * "HS-30D"Package-set : Complete with ① Overhead Stirrer Unit ② "PL1010" 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)

* Refer to page 1154 ~1155 for Accessory Specifications.

* Refer to page 1142 for Product Line & Selection Guide