

Cat. No	Description	Articles
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DAIHAN-brand® High-Speed Analog Overhead Stirrers “HS-A”, for Low-/Middle-Viscosity, Max.10/20Lit, Max. 3,000rpm with “Push-Through” Shaft(φ 8mm or Less) and Chuck grip φ 3~10mm, Flex-Coupling φ 6~12mm, up to 50,000 mPas
아날로그 고속 교반기, 저/중점도용, 사용교반봉 ; ①기본은 φ 3~10mm, ②관통은 φ 3~8mm, & ③별도의 Flex-Coupling 활용시 φ 6~12mm



Max. 10 Lit. (H₂O) Hi-Speed Analog Overhead Stirrer “HS-50A -Set”

- **Made in Korea** ■ **CE Certified** ■ **PL(Product Liability) Insurance**
- **Ensure Minimize RPM Fluctuation : Very Stable Stirring Speed(RPM) Performance**
- **with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System**
- **“Push-Through” Shafts(φ 8mm or Less) ; Ideal for Raising or Lowering of the Stir-Shafts without Moving the Motor Head - “Adjustable Height of Shaft”**
- **Ideal for Low-/Middle-Viscosity** * Easy-to-use Dial for Speed Setting
- * Smooth Start and Change of the Stirring Speed * Stainless-steel Chuck : Grip φ 3~10mm

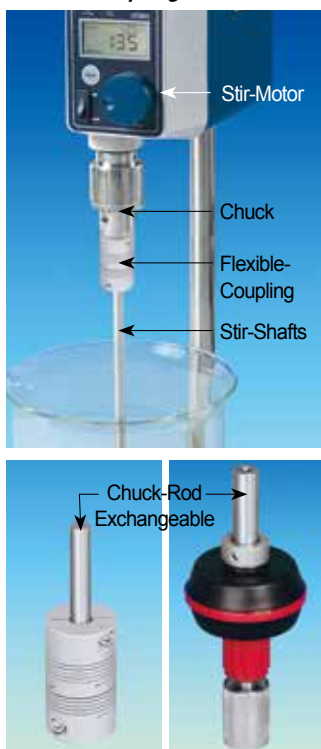
Specifications & Ordering information

Spec.	Models	(1) “HS-50A”	(2) “HS-120A”
Stirring Capacity		Max. 10 Lit. (H ₂ O)	Max. 20 Lit. (H ₂ O)
Maximum Viscosity / Torque		10,000 mPas / 85 Ncm	50,000 mPas / 145 Ncm
Speed Range & Motor		0 ~ 3,000 rpm, Direct Driven DC Motor	
Motor Rating (Input / Output)		83 / 75 W, 1 / 10 HP	130 / 120 W, 1 / 6 HP
Controller / Safety Device		Analog Phase Controller / Over Heat Protector for motor	
Chuck Grip Capa. φ mm		dia φ 3~10mm Shafts	
“Push-Through” Shafts		dia φ 8mm or Less	
Permissible Temp. & Humidity		0 ~ 40 °C, 80%	
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	

Stand Package-set			
Cat. No.	230V	DH.WOS01211	DH.WOS01216
	120V	DH.WOS02211	DH.WOS02216
Price, Each. ₩			
Unit-only			
Cat. No.	230V	DH.WOS01210	DH.WOS01215
	120V	DH.WOS02210	DH.WOS02215
Price, Each. ₩			

* Other Specifications are available upon Customer's Request.

The Figure ; Use of Coupling



(1) Hi-flex Metal ; (2) Rubber Based for φ 6~12 Shafts ; for φ 7~10 Shafts

- * **“HS-50A” Package-set** : Complete with ① “HS-50A” Stirrer Unit, ② “S721” Stainless-steel Impeller (Rod φ 8 × L500mm, 3-Blade φ 50mm), ③ “CL200” Clamp, and ④ “KA1177” Safety Stand (Rod φ 23 × L800mm, Base w34 × d29cm)
- * **“HS-120A” Package-set** : Complete with ① “HS-120A” Stirrer Unit, ② “S723” Stainless-steel Impeller (Rod φ 8 × L650mm, 3-Blade φ 80mm), ③ “CL200” Clamp, and ④ “KA1177” Safety Stand (Rod φ 23 × L800mm, Base w34 × d29cm)

Flexible Couplings, for Safety Stirring of φ 6~12mm Shafts of Overhead Stirrers for Stirrers between Stirring Motor and Shaft, 안전교반용 유연성 커플링

■ **Used to Compensate Any Vibrations Between The Motor and Stirring Shafts**

(1) **UTILITY High-Flex. Metal Coupling, with 2 × Flex-band, for φ 6~12mm Stir-Shafts**
Ideal for Low/High Viscosity and High/Low Speed

- * Made in Korea * Shaft Fastening by Screw Clamp Band * Made of DURALUMIN
- * with Exchangeable STS Chucking Rod φ 8 & 10mm, L40mm

SL.StiC011	Stir-Coupling, Hi-flex, φ 8mm Chuck-rod , for-φ 6mm Stir-Shaft , 56g, φ 25 × h44mm	Ea.	Price, ₩
SL.StiC012	-φ 8mm Stir-Shaft , 53g, φ 25 × h44mm		
SL.StiC013	-φ 10mm Stir-Shaft, 49g, φ 25 × h44mm		
SL.StiC014	Stir-Coupling, Hi-flex, φ 10mm Chuck-rod, for-φ 8mm Stir-Shaft , 49g, φ 25 × h44mm		
SL.StiC015	-φ 10mm Stir-Shaft, 43g, φ 25 × h44mm		
SL.StiC016	-φ 12mm Stir-Shaft, 33g, φ 25 × h44mm		

(2) **Very Flexible Rubber Based Coupling, for φ 7~10mm Shafts**
Especially, Ideal for GLASS Shafts and Low/Middle Viscosity & High Speed

- * Made in Germany * Shaft Fastening by Screw Compression Rubber Ring Pad.
- * with φ 10 × L40mm Exchangeable Stainless-steel Chucking Rod

WI.1445000	Stir-Coupling, Rubber Based, for φ 7~φ 10mm Shafts, 72.5g, Body φ 46 × h80mm	Ea.	Price, ₩

※ **Note! Details of Wide-Range Couplings : See the “Stirrer Accessories”**