

| 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

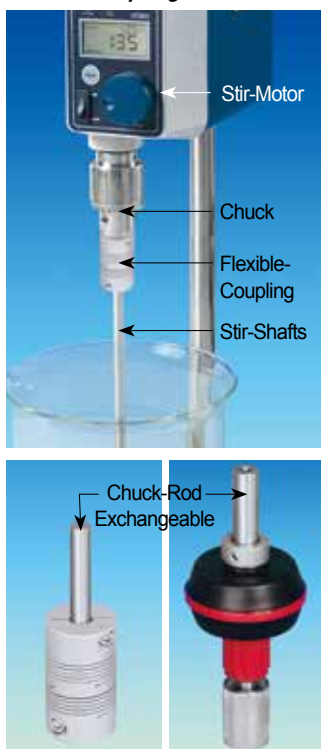
Specifications & Ordering information

| 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”**