

Cat. No	Description	Articles
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**“witeg” WiseStir® HT-DX High-Torque Digital Overhead Stirrer, Max.40-/60-Lit., 50 ~ 1.000 rpm with Digital Feedback Control, Steady & Constant Stirring Speed Against Viscosity, for High-Viscosity Fluids, up to 150.000 mPas**

- **Patented Jog-Shuttle Control System**
- **CE Certified**

- \* Ideal for Stirring Material of Viscosities Ranging from Light Watery Solutions to High-Viscosity Fluids
- \* Food, Beverage, Dairy, Sugar & Candy Production
- \* Digital Feedback Control: Steady and Constant Stirring Speed Against Viscosity Change of a Sample during Reaction.
- \* High Torque Stirring by 3,5:1 Ratio Worm-Geared Motor
- \* Digital LCD Display with Back-Light Function \* Smooth Start and Change of the Stirring Speed
- \* The Position (Height) of Impeller is Adjustable
- \* Storage Function for the set values : RPM and Timer
- \* Locking Mode Supported for Experimental Safety (Input to Jog-Shuttle can be Disabled)
- \* Chrome-Plated & Stainless Steel Chuck - Prevention from Corrosion

**Specification**

Stirring Capacity & Models	Max. 40 Lit. (H <sub>2</sub> O) □HT-50DX□	Max. 60 Lit. (H <sub>2</sub> O) □HT-120DX□
Maximum Viscosity	100.000 mPas	150.000 mPas
Maximum Torque	300 Ncm	500 Ncm
Speed Range & Resolution	50 ~ 1.000 rpm, 1 rpm-Display / 1 rpm-Control	
Motor	Worm-Geared DC Motor (3,5:1 Ratio)	
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 × 180 × h130mm, 3,5 kg	90 × 210 × h130mm, 4 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**

- \* □HT-50DX□Package-set : Complete with ① Overhead Stirrer Unit ② □PL020□Stainless Steel Impeller (Rod φ8 × L500mm, Blade φ90mm) ③ □CL200□Clamp ④ □ST120□Wide Plate Stand (Rod φ23 × L1,000mm, Plate w30 × d40cm)
- \* □HT-120DX□Package-set : Complete with ① Overhead Stirrer Unit ② □PL020□Stainless Steel Impeller (Rod φ8 × L500mm, Blade φ90mm) ③ □CL200□Clamp ④ □ST200□Deluxe Safety Stand (Rod φ23 × L1,200mm, Stand Base w39 × up to 75cm)

**With 40 Lit. Stirring Capa., 100.000 mPas, “HT-50DX” Package-set & Unit**

DH.WOS01052 High Torque-type Overhead Stirrer, **Package-set, 230V**  
 DH.WOS01051 , **Unit only, 230V**

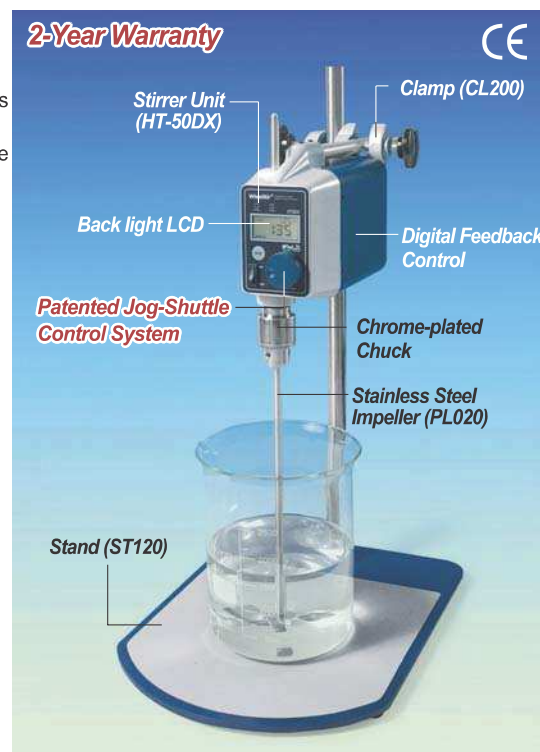
**With 60 Lit. Stirring Capa., 150.000 mPas, “HT-120DX” Package-set & Unit**

DH.WOS01072 High Torque-type Overhead Stirrer, **Package-set, 230V**  
 DH.WOS01071 , **Unit only, 230V**

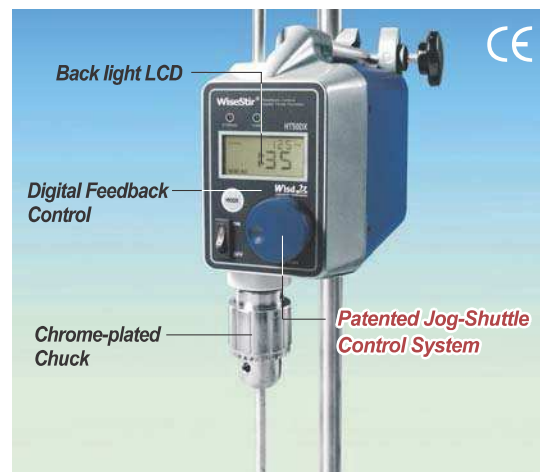
※ You will find matching beakers in our general catalogue at following pages : 292

※ Refer to page 156, 157 for Accessory Specifications.

※ Refer to page 149 for Product Line & Selection Guide



High-Torque Digital Overhead Stirrer, □HT-50DX□Package-set



High-Torque Digital Overhead Stirrer, □HT-120DX□Unit only