

“DAIHAN” *WiseStir*[®] HS-D Digital Feedback-Controlled Stirrer

For High-Speed Application, 10 ~ 20 Lit., 200 ~ 3,000 rpm, to 50,000 mPas



HS-30D Package

Applications & Features

- Ideal for Stirring Medium-Viscous Material
- Digital Feedback Control: Steady and Constant Stirring Speed against the viscosity change of sample during reaction.
- Extremely convenient user interface by jog-shuttle switch (Multi-functional turning knob: Turning + Push)
- Over-Load Protection and Over-Heat Protection Functions for motor
- Smooth Start and Change of the Stirring Speed
- High Speed Stirring by Direct Driven Motor
- The Position(height) of Impeller is adjustable.
- Storage Function for Set Values: RPM and Timer



HS-30D (or HS-100D)

Specification

Model	HS-30D	HS-100D
Stirring Capacity (HzO)	Max. 10 Lit.	Max. 20Lit.
Maximum Viscosity (mPas)	10,000	50,000
Motor Rating (Input / Output)	83 / 75 W (1/10 hp)	130 / 120 W (1/6 hp)
Maximum Torque (Ncm)	85	145
Max. Shaft Diameter (mm)	10	
Speed Range (rpm)	200 ~ 3,000	
Motor	Direct Driven Motor	
Controller	Digital Feedback Controller with Jog Shuttle Switch (Turn + Push)	
Display	Digital LCD Display (Timer, RPM and Power bar-graph)	
Operating Environment	Ambient Temp. Range (°C)	0 ~ 40
	Max. Permissible Humidity (%)	80
Safety Device	Over Load & Heat Protector for motor	
Dimension (w × d × hmm)	90 × 145 × 180	
Weight (kg)	4.5	5.3
Others	Smooth Start and Change of the Stirring Speed for stable running Storage Function (RPM, Timer)	
Power Supply*	AC 230V, 50/60Hz	

* Weight of Remote Controller = 2.5kg

** Others Specifications are available upon customer's request.

Ordering Information

10 Lit. Power Digital Stirrers

HS-30D-Stirrer Unit only, 10 Lit., 10,000 mPas

DH.WOS01015 Digital Overhead Stirrer, HS-30D-Unit

Package of HS-30D-Stirrer-Set with Accessories

DH.WOS01016 Digital Overhead Stirrer Package, HS-30D-Set
with PL010 Impeller, CL200 Clamp and ST110 Standard Plate Stand.

20 Lit. Power Digital Stirrers

HS-100D-Stirrer Unit only, 20 Lit., 50,000 mPas

DH.WOS01025 Digital Overhead Stirrer, HS-100D-Unit
Feedback with LCD Display

Package of HS-100D-Stirrer-Set with Accessories

DH.WOS01026 Digital Overhead Stirrer Package, HS-100D-Set
with PL015 Impeller, CL200 Clamp and ST120 Wide Plate Stand.

※ See page 57, 58 for the specifications of Accessories.