

OVERHEAD STIRRERS

(ANALOGUE AND DIGITAL)

Image: HS-100D



Daihan Overhead Stirrers

- All models supplied with powerful DC motors
- Two main categories for high speed (HS) and high torque (HT)
- Analogue and digital control feedback models available
- Chrome plated stainless steel chucks
- Adjustable impeller position
- Adjustable stirrer position when used with support stand
- Various stirring shafts available to suit different stirring applications

Head Office Phone (02) 9604 3911
Head Office Fax (02) 9725 1706

Email info@thermoline.com.au
Web www.thermoline.com.au

 **Thermoline**
S C I E N T I F I C
H I G H E R S T A N D A R D S I N S C I E N C E

PRODUCT DETAILS

These overhead stirrers are powerful, economic and easy to operate. All models offer steady and constant stirring speed even when under maximum load. Analogue and digital models available, both with turn dials to make easy adjustments to the stirring speed. All models are supplied complete in a package which includes overhead stirrer, shaft, support base, rod and clamp.

SPECIFICATIONS

Model	High Speed Models			
	Analogue Control		Digital Feedback Control	
	HS-50A	HS-120A	HS-30D	HS-100D
Max Stirring Capacity (litres)	10	20	10	20
Max Stirring Viscosity (mPas)	10,000	50,000	10,000	50,000
Motor Rating (W input / output)	83/75	130/120	83/75	130/120
Max Torque (Ncm)	85	145	85	145
Maximum Impeller Dia (mm)	8			
Speed Range (rpm)	200 to 3000			
Gear Type	Direct Driven Motor			
Display	None		Digital LCD (Timer, RPM and Power Bar)	
Safety Devices	Over heat and over load protection			
Body Dimensions (WxDxH mm)	90x145x180			
Weight (kg)	5			

Model	High Torque Models			
	Analogue Control		Digital Feedback Control	
	HT-50AX	HT-120AX	HT-50DX	HT-120DX
Max Stirring Capacity (litres)	40	60	40	60
Max Stirring Viscosity (mPas)	100,000	150,000	100,000	150,000
Motor Rating (input / output)	83/75	130/120	83/75	130/120
Max Torque (Ncm)	300	500	300	500
Maximum Impeller Dia (mm)	10			
Speed Range (rpm)	50 to 1000			
Gear Type	Worm Geared Motor			
Display	None		Digital LCD (Timer, RPM and Power Bar)	
Safety Devices	Over heat and over load protection			
Body Dimensions (WxDxH mm)	90x180x130	90x210x130	90x180x130	90x210x130
Weight (kg)	5			

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PRODUCT DETAILS

Package Accessories for All Models
Overhead stirrer
Support Base
Support Rod
Clamp
Stirring Shaft (user selected)

SHAFT SPECIFICATIONS

Model	Type	Shaft Material	Dimensions (Dia x H mm)	Blade Diamer (mm)	
PL010	3 Blade Propeller	304 Stainless Steel	8 x 500	50	
PL012			8 x 650	80	
PL015	4 Blade Propeller		8 x 500	70	
PL017			8 x 650	100	
PL020	4 Blade Diamond		8 x 500	90	
PL021			8 x 650	100	
PL025	2 Blade Centrifugal		PTFE Coated	8 x 500	100
PL030					90
PL035	2 Blade Anchor		304 Stainless Steel		120

Note: Please contact Thermoline for more information on package accessories and optional extras.

Thermoline Scientific have been manufacturing and distributing high quality laboratory and scientific testing equipment since 1970. Over this time, Thermoline has grown to be a leading brand in the science industry, with our equipment being used in small and large Hospitals, Universities and Research Laboratories across Australia and the Asia Pacific region.

We're proud to say that we are 100% Australian owned and operated.

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