

OVERHEAD STIRRER

LT - 400A/B/C/D

LT - 500A/B

Overview

Yamato overhead stirrers are used widely in food and cosmetics industries, however with the ability to keep constant rotation speeds with various viscosities Yamato stirrers have found use in many other R&D laboratories as well. Unlike conventional stirrers, the powerful DC brushless motor and feedback control circuit of the laboratory stirrers maintain constant speed in samples that are high in viscosity. Our powerful digital stirrers handle from 10 to 1200 rpm. The dynamism and power of the motor has proven to be very durable and sturdy.

Advantages

- Variable torque range
- Prevents injury with safety cover
- Wide selection of compatible propellor sizes and shaft lengths
- Glass shaft and propellor available for corrosive solutions

Applications

- Cosmetics and fragrance
- Food and beverage
- Chemical compounds
- Environmental studies



LT - 400B

Technical Specifications

MODEL		LT - 400 A	LT - 400 B	LT - 400 C	LT - 400 D	LT - 500 A	LT - 500 B
Performance	Speed Range	10 - 300 rpm	15 - 600 rpm	25 - 1200 rpm	60 - 300 rpm	15 - 600 rpm	25 - 1200 rpm
	Max. Torque (N · m)	0.9	0.5	0.3	0.1	1.0	0.6
	Viscosity of Material	High	Medium	Medium - Low	Low	High	Medium
Structure	Motor	30 W	30 W	30 W	30 W	70 W	70 W
	Chuck	Φ 8 mm drill chuck	Φ 8 mm drill chuck	Φ 8 mm drill chuck	Φ 8 mm drill chuck	Φ 8 mm drill chuck	Φ 8 mm drill chuck
	Speed Control	Feedback control	Feedback control	Feedback control	Feedback control	Feedback control	Feedback control
	Display Panel	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
	Safety Devices	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
Standard	External Dimensions	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
	Weight	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
	Power Source	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
Included Accessories	Chuck Key	1 pc	1 pc	1 pc	1 pc	1 pc	1 pc
	Safety Cover	1 pc	1 pc	1 pc	1 pc	1 pc	1 pc
	Clamp	1 pc	1 pc	1 pc	1 pc	1 pc	1 pc
Operational Requirements	500 mm Stirring Shaft	Part No. 231384	Part No. 231384	Part No. 231384	Part No. 231384	Part No. 231384	Part No. 231384
	Propellor	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
Optional Accessories	Stand and Rod Assembly	Part No. LR - 41 -124	Part No. LR - 41 -124	Part No. LR - 41 -124	Part No. LR - 41 -124	Part No. LR - 41 -124	Part No. LR - 41 -124
	75 mm Four-Bladed Propeller	Part No. LSA-11	Part No. LSA-11	Part No. LSA-11	Part No. LSA-11	Part No. LSA-11	Part No. LSA-11
	60 mm Four-Bladed Propeller	Part No. LSA-12	Part No. LSA-12	Part No. LSA-12	Part No. LSA-12	Part No. LSA-12	Part No. LSA-12
	40 mm Four-Bladed Propeller	Part No. LSA-13	Part No. LSA-13	Part No. LSA-13	Part No. LSA-13	Part No. LSA-13	Part No. LSA-13
	60 mm Turbine Propeller	Part No. LSA-15	Part No. LSA-15	Part No. LSA-15	Part No. LSA-15	Part No. LSA-15	Part No. LSA-15
	100 mm Turbine Propeller	Part No. LSA-16	Part No. LSA-16	Part No. LSA-16	Part No. LSA-16	Part No. LSA-16	Part No. LSA-16
	60 mm Adjustable 2 Stage Turbine Propeller	Part No. 2310630101	Part No. 2310630101	Part No. 2310630101	Part No. 2310630101	Part No. 2310630101	Part No. 2310630101
	60 mm Glass Shaft and Propeller	Part No. 231385	Part No. 231385	Part No. 231385	Part No. 231385	Part No. 231385	Part No. 231385
	Folding Propeller (18/45 mm)	Part No. LSA-14	Part No. LSA-14	Part No. LSA-14	Part No. LSA-14	Part No. LSA-14	Part No. LSA-14
	28 mm Two-bladed Propeller	LSA-19	LSA-19	LSA-19	LSA-19	LSA-19	LSA-19
	Adapter for Decompression Stirrer	LSA-03	LSA-03	LSA-03	LSA-03	LSA-03	LSA-03
Auxiliary Stirrer	LSA-01	LSA-01	LSA-01	LSA-01	LSA-01	LSA-01	