

OHAUS Achiever 5000™ Overhead Stirrers are designed for powerful, precise stirring, safety and simplicity in all applications. The sealed design has an IP54 rating and ensures safe mixing performance even in the most demanding applications.



Manufacture: Ohaus
SKU: 30586765
Weight: 10.00 lb
Free Ground Shipping
within the 48
continental US States

**Please Call
(800)832-0055**

Features

Reliable Overhead Stirrers with Excellent Performance for Everyday Use

OHAUS Achiever 5000™ Overhead Stirrers are designed for powerful, precise stirring, safety and simplicity in all applications. The sealed design has an IP54 rating and ensures safe mixing performance even in the most demanding applications. The keyless chuck and software controlled speed ramping provide easy set up and safe stirring to protect the sample and user. Select from five models with up to 200 Ncm torque and up to 100 L volume capacity.

● Unique Features:

- Powerful mixing and constant speed is assured with the brushless motor and torque compensation technology - delivering accurate, controlled stirring of viscous liquids with quiet operation.
- Simplify set up with the Keyless Chuck - no tools required. Change shafts quickly and easily with one handed operation. This unique design will save time and effort for everyone in the lab.
- Designed for safety. The lock button prevents accidental speed changes and the motor's overload sensing technology simply shuts off stirring before an overload condition occurs to protect the sample.
- Compact and easy to use. Simple knob control combined with the bright digital display allows for precise setting and monitoring. Customize for your application with over 12 accessories.

Applications - Stirring, dissolving, dispersion, emulsification and homogenization for the following the industries: food and beverage, cosmetics, paint/coatings, pharmaceutical, chemical, glue/adhesive, plastics/polymer and cement/construction. Used for pilot scale in manufacturing.

Display - Bright LED digital display for speed, real-time torque tendency LED indicator bar, and integrated timer

Operation - Stirring from 6 rpm to 2000 rpm with speed accuracy of 1 rpm and maximum torque from 20 Ncm to 200 Ncm, depending on model. Stable torque at any speed, and volume capacity ranging from 25L to 100L

Construction - Sealed aluminum housing with IP54 ingress protection rating. Keyless Chuck for simple, one-hand operation, and brushless motor for quiet operation and main power switch

Design Features - Compact design for easy handling, simple knob control, lock button to prevent unintentional setting changes, and full protection for overload, overtemperature and overcurrent conditions

Specifications

Models	e-A51ST020 (30586763)	e-A51ST040 (30586764)	e-A51ST060 (30586765)	e-A51ST100 (30586766)	e-A51ST200 (30586767)
Stirring Speed Range	30-2000 rpm	30-2000 rpm	30-2000 rpm	30-1300 rpm	6-400 rpm (I) 30-2000 rpm (II)
Stirring Volume (H2O)	up to 25L		up to 40L	up to 100L	
Maximum Viscosity (cP or mPas)	10,000	25,000	50,000	70,000	100,000
Maximum Torque (Ncm)	20	40	60	100	200
Speed Gears	1				2
Speed Accuracy	1 rpm				
Speed Control	Digital				
Display	LED				
Timer	Yes				
Lock Button	Yes				
Chuck Range (Diameter)	1 - 13 mm				
Shaft Pass Through (Diameter)	up to 8.5 mm				
Ingress Protection	IP54				
Dimensions (H x L x W)	11.2 x 9.3 x 3.5 in 28.5 x 23.5 x 9.0 cm				12.4 x 9.3 x 3.5 in 31.5 x 23.5 x 9.0 cm
Net Weight	4.1 kg				4.6 kg
Power Supply	115V, 50/60Hz / 230V, 50/60Hz				
Power Input	190W (115V) / 190W (230V)				
Working Environment	41 °F – 104 °F, 80 % RH, non-condensing / 5 °C – 40 °C, 80 % RH, non-condensing				

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