Laboratory Stirrer OR Mechanical Agitator

Code: W-2978 GST: 18% Brand: AVAIN LABS








AVAIN LABS® Laboratory Stirrer OR Mechanical Agitator

AVAIN LABS® Laboratory Stirrer / Mechanical Agitator is a heavy-duty, high-speed laboratory stirring and mixing equipment designed for efficient, smooth, and long-duration agitation in laboratories, research facilities, pharmaceutical industries, chemical industries, educational institutions, and quality control applications.

Manufactured with a heavy and stable cast iron base and a mild steel chrome-plated upright rod, the laboratory stirrer provides excellent stability and durability during operation. The equipment is fitted with an AC-D motor, stainless steel stirring shaft, and stainless steel stirring blades, ensuring reliable performance for demanding laboratory mixing applications.

The variable speed control unit allows the operator to adjust the stirring speed according to the specific mixing requirements. The stirrer height is also adjustable, providing flexibility for use with different laboratory vessels and containers. With a powerful 1–35 H.P. motor, the AVAIN LABS® Mechanical Agitator is designed for smooth and continuous stirring over extended operating periods.

The unit operates on 220 VAC, 50 Hz, single-phase power and provides a stirring speed of approximately 3500–4000 RPM, making it suitable for high-speed laboratory mixing, agitation, blending, and sample preparation applications.

Key Features

- Heavy-duty and stable cast iron base
- Mild steel chrome-plated upright rod for enhanced durability
- Reliable AC-D motor for smooth and continuous operation
- Stainless steel stirring shaft and blades
- Variable speed control for precise stirring adjustment
- Adjustable stirrer height for convenient laboratory operation
- Powerful 1–35 H.P. motor for long-time stirring
- High stirring speed of approximately 3500–4000 RPM
- Designed for 220 VAC, 50 Hz, single-phase electrical supply
- Suitable for continuous and demanding laboratory mixing applications
- Robust construction for reliable laboratory and industrial use

Applications

The AVAIN LABS® Laboratory Stirrer / Mechanical Agitator can be used for a wide range of laboratory mixing and agitation applications, including chemical mixing, pharmaceutical formulation, sample preparation, blending, suspension preparation, research and development, quality control, and industrial laboratory processes.

It is suitable for chemical laboratories, pharmaceutical laboratories, research laboratories, educational institutions, testing laboratories, R&D facilities, and industrial processing applications requiring dependable mechanical stirring.

Technical Specifications

Why Choose AVAIN LABS®?

AVAIN LABS® focuses on providing reliable laboratory equipment and scientific instruments designed for professional laboratory, research, educational, pharmaceutical, chemical, and industrial applications. Our Laboratory Stirrer / Mechanical Agitator combines robust construction, adjustable operation, high-speed stirring, and dependable motor performance to support consistent laboratory mixing and agitation.

For product enquiries, specifications, pricing, and customized laboratory equipment requirements, contact AVAIN LABS®.

Available models

Specifications

Product	Laboratory Stirrer / Mechanical Agitator
Base	Heavy & Stable Cast Iron Base
Upright Rod	Mild Steel, Chrome Plated
Motor	AC-D Motor
Motor Capacity	1–35 H.P.
Stirring Shaft	Stainless Steel
Stirring Blades	Stainless Steel
Speed Control	Variable Speed Control Unit
Height	Adjustable
Stirring Speed	3500–4000 RPM
Power Supply	220 VAC, 50 Hz
Phase	Single Phase
Cat No	Description | Quality
AL-530A1	Laboratory Stirrer | Superior Quality
AL-530A2	Laboratory Stirrer | Normal Quality
Optional (LS1)	Digital RPM Indicator |

Available models (3)

Cat. No.	Size	HSN
W-2978-S1	Small	
W-2978		
W-2978-S2	Large	

Scan for details & enquiry