



BS1 Magnetic Stirrer without Heating

Please read the User Manual carefully before use, and follow all operating and safety instructions!



user manual

english

User Manual



BS1 Magnetic Stirrer without Heating

Preface

Users should read this Manual carefully, follow the instructions and procedures, and beware of all the cautions when using this instrument.

Service

In order to guarantee this equipment works safely and efficiently, it must receive regular maintenance. In case of any faults, do not try to repair it yourself. If help is needed, you can always contact your supplier or Labbox via www.labbox.com.

Please provide the customer care representative with the following information:

- Serial number
- Description of problem
- Your contact information

Warranty

This instrument is warranted to be free from defects in materials and workmanship under normal use and service, for a period of 12 months from the date of invoice. The warranty is extended only to the original purchaser. It shall not apply to any product or parts which have been damaged on account of improper installation, improper connections, misuse, accident, or abnormal conditions of operation.

For claim under the warranty please contact your supplier.

Introduction

The BS1 magnetic stirrer adopts advanced international design concepts and manufacturing technology. It features a smooth and refined appearance, a compact and sturdy structure, high versatility, and simple operation.

This magnetic stirrer is primarily suitable for stirring low-viscosity liquids or solid-liquid mixtures.



Product Overview



Technical Data

Model	BS1
Product Type	Magnetic stirrer without heating
Control Type	Knob
Working Plate Size	∅ 125 mm
Digital Display	No
Motor Type	Brushless motor
Work Plate Material	PVC
Maximum Stirring Capacity	1 L (H ₂ O)
Speed Range	350 to 1800 rpm
Stirring Bar Size	20 to 30 mm
Power	5 W
Rotation Direction	Rightwards
Protection Level	IP21
Voltage	100 – 240 V, 50 / 60 Hz
Permissible Temperature and Humidity	+5 to +40 °C and 80 % RH
Product Size	138 x 130 x 41 mm
Packing Size	225 x 165 x 60 mm
Gross Weight / Net Weight	0.40 kg / 0.20 kg

Operation

- Application: It is mainly used for stirring low-viscosity liquids or solid-liquid mixtures.
- Usage: It is widely used as an experimental tool in higher education institutions, environmental protection, health, epidemic prevention, the chemical industry, tap water facilities, and other applications.
- Using Steps:
 - Plug in the device and turn the knob to the right to turn on the power.
 - Rotate the knob to adjust the speed.
 - Turn the knob to the left to turn off the power.
-  Instrument Use Environment:
 - Indoor use only
 - Altitude: ≤ 2000 m
 - Working temperature range: $+5$ °C to $+40$ °C
 - Humidity range: $\leq 80\%$
 - No vibrations or airflow that could affect performance
 - No conductive dust, explosive gases, or corrosive gases in the surrounding air
 - Maintain a safety distance of 10 cm around the instrument while it is in operation.
-  Safety Precautions:
 - Do not unplug or plug in the power connector or toggle the power button with wet hands.
 - Do not unplug the power plug while the instrument is powered on.
 - Do not perform maintenance or cleaning while the instrument is powered on.
 - Do not install the instrument on an uneven, swaying, or vibrating work surface.

Packing List

- Magnetic stirrer
- Stirring bar
- Power cord

Nota importante para los aparatos electrónicos vendidos en España

Instrucciones sobre la protección del medio ambiente y la eliminación de aparatos electrónicos:



Los aparatos eléctricos y electrónicos marcados con este símbolo no pueden ser eliminados en forma de residuos urbanos.

De conformidad con la Directiva 2012/19/UE, los usuarios de la Unión Europea de aparatos eléctricos y electrónicos, tienen la posibilidad de devolver sus RAEE para su eliminación al distribuidor o fabricante del equipo después de la compra de uno nuevo. La eliminación ilegal de aparatos eléctricos y electrónicos es castigada con multa administrativa.

Remarque importante pour les appareils électroniques vendus en France

Informations sur la protection du milieu environnemental et élimination des déchets électroniques :



Les appareils électriques et électroniques portant ce symbole ne peuvent pas être jetés dans les décharges.

En réponse à la réglementation, Labbox remplit ses obligations relatives à la fin de vie des équipements électriques de laboratoire qu'il met sur le marché en finançant la filière de recyclage de ecosystem dédiée aux DEEE Pro qui les reprend gratuitement (plus d'informations sur www.ecosystem.eco).

L'élimination illégale d'appareils électriques et électroniques est punie d'amende administrative.

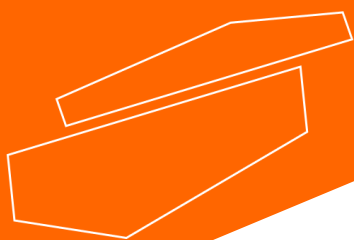
Nota importante per le apparecchiature elettroniche vendute in Italia

Istruzioni sulla protezione ambientale e sullo smaltimento dei dispositivi elettronici:



Le apparecchiature elettriche ed elettroniche contrassegnate con questo simbolo non possono essere smaltite come rifiuti urbani.

In conformità con la Direttiva 2012/19 / UE, gli utenti dell'Unione Europea di apparecchiature elettriche ed elettroniche hanno la possibilità di restituire i propri RAEE per lo smaltimento al distributore o al produttore di apparecchiature dopo averne acquistato uno nuovo. La rimozione illegale di apparecchiature elettriche ed elettroniche è punibile con una sanzione amministrativa.



www.labbox.com