

# AGITADOR DE VARILLAS DIGITAL DIGITAL OVERHEAD STIRRER AGITATEUR DIGITAL À TIGE

Ref. | Code | Réf. LLB008 - Mod. 688

The logo for Nahita Blue, featuring the word "nahita" in a bold, blue, sans-serif font above the word "blue" in a smaller, lighter blue, sans-serif font.



Este manual es parte inseparable del aparato por lo que debe estar disponible a todos los usuarios del equipo. Le recomendamos leer atentamente el presente manual y seguir rigurosamente los procedimientos de uso para obtener las máximas prestaciones y una mayor duración del mismo.

*This manual should be available for all users of these equipments. To get the best results and a higher duration of this equipment it is advisable to read carefully this manual and follow the processes of use.*

*Ce manuel est une partie indissociable de l'appareil et doit être mis à la disposition de tous les utilisateurs de l'équipement. Nous vous recommandons de lire attentivement ce manuel et de suivre scrupuleusement les procédures d'utilisation afin d'obtenir des performances maximales et une plus longue durée de vie de l'appareil.*

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**1. INTRODUCTION**

The Nahita-Blue Model 688 overhead stirrer features an advanced international design and state-of-the-art manufacturing technology. It has a compact and robust structure, with a modern and functional design. Its high versatility and ease of use make it an ideal device for various types of scientific applications.

This stirrer is specifically designed for mixing high-viscosity liquids, such as liquid mixtures and solid-liquid mixtures.

**2. TECHNICAL SPECIFICATIONS**

<b>Code</b>	LLB008
<b>Model</b>	688
<b>Control</b>	Digital display with buttons
<b>Speed range</b>	100-1200 rpm
<b>Speed increment</b>	10 rpm
<b>Timing</b>	0-24 h
<b>Maximum capacity</b>	5 l
<b>Maximum viscosity</b>	5000 mPas
<b>Motor</b>	Brushless motor
<b>Maximum torque</b>	10 N.cm
<b>Chuck diameter range</b>	1-10 mm
<b>Power</b>	36 W
<b>Voltage</b>	100-220V 50/60 Hz
<b>Dimensions</b>	134x70x173 mm

### 3. OPERATION

- **Application:** It is mainly used for stirring high-viscosity liquids.
- **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:**
  - Connect the device and switch it on
  - Press 'MENU' to set the speed and time parameters
  - Adjust the desired parameters using the up and down buttons
  - Press 'START' to begin
  - Press 'STOP' to stop operation
- **Instrument use environment:**
  - Indoor use only
  - Altitude:  $\leq 2000$  m
  - Working temperature range:  $+5$  °C a  $+40$  °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.