

**AGITADOR VORTEX MODELO 740**  
**VORTEX AGITATOR MODEL 740**  
**AGITATEUR VORTEX MODÈLE 740**

Ref. | Code | Réf. LGB009



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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**INTRODUCTION**

The Nahita-Blue Model 740 vortex agitator incorporates international manufacturing technology and advanced design, combining functionality with a modern and elegant aesthetic. Its compact and robust structure makes it highly versatile, while its easy operation ensures a comfortable and efficient user experience.

It is specially designed for the effective mixing of a wide variety of samples that require thorough homogenization.

**APPLICATION**

It is widely used as a tool in research and experiments at universities, in the environmental protection sector, public health, disease prevention, the chemical industry, drinking water treatment plants, and in a variety of other applications.

## TECHNICAL SPECIFICATIONS

<b>Code</b>	<b>LGB009</b>
Model	Model 740
Control	Constant speed
Base material	Zinc alloy
Motor type	Brushless motor
Orbital diameter	4.5 mm
Maximum agitation volume	50 ml
Speed	3000 rpm
Operating conditions	5-40 °C / 80% HR
Protection level	IP42
Power	12 W
Power supply	100-240 V 50/60 Hz
Dimensions	93x93x72 mm
Weight	0.40 Kg

## OPERATION

- Place the sample to be mixed at the center top and lightly press to initiate the agitation process.

### Instrument Operating Environment

- This device is designed for indoor use only
- Altitude: ≤2000 m
- Operating temperature range: +5 °C to +40 °C
- Humidity range: ≤80%
- Place the device in an environment free from vibrations or air currents that may affect its performance
- Do not use the device in environments with conductive dust, explosive gases, or corrosive vapors in the surrounding air
- Maintain a safety clearance of 10 cm around the instrument while in operation

### Safety Precautions

- Do not plug or unplug the power cord, or operate the power switch, with wet hands
- Do not unplug the power cord while the instrument is powered on
- Do not perform maintenance or cleaning while the instrument is on
- Do not install the instrument on an uneven, unstable, or vibrating surface