

AGITADOR ROTATIVO PARA TUBOS ROTARY TUBE STIRRER AGITATEUR À TUBE ROTATIF

Ref. | Code | Réf.

LJG005 - LJG006 - LJG007 - LJG008



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

Rotary tube mixers are designed to provide a gentle and homogeneous mixing of samples in test tubes, promoting efficient incubation in biological, clinical, and research applications. This range includes disc-type and rotisserie-type models, available in both analogue and digital versions, to suit different mixing needs depending on sample volume, tube type, and required level of control. Their compact and functional design allows for prolonged use in laboratories that demand reliable and consistent performance.

2. TECHNICAL SPECIFICATIONS

Code	LJG005	LJG006	LJG007	LJG008
Type	Disc		Rotisserie	
Control	Knob	Digital	Knob	Digital
Motor	Brush motor	Brushless	Brush motor	Brushless
Rotating	Rotating shaking			
Speed	20-80 rpm			
Timing	-	1min- 23h59min	-	1min-23h59min
Angle	40°-80°		-	
Capacity	8x50 mL 16x15 mL 24x1.5/2 mL		4x50 mL 10x15 mL 8x1.5/2 mL	
Power	20 W			
Voltage	100-220V 50/60 Hz			
Permissible temperature and humidity	5-40°C / 80% HR			
Dimensions	230x180x265 mm		425x100x125 mm	

For rotisserie-type: Includes the module designed for 2 ml, 15 ml, or 50 ml centrifuge tubes, or for 2 ml, 5 ml, or 10 ml blood collection tubes.



For disc-type: Includes three types of clamps to allow desired combinations for 1.5 ml, 15 ml, or 50 ml centrifuge tubes, or for 2 ml, 5 ml, or 10 ml blood collection tube



3. OPERATION

REFERENCE LJG005

- Connect the device to the power supply and turn on the switch.
- Secure the tube to the clamp and try to push it toward the centre of the disc.
- Turn the knob to start the rotation.

REFERENCE LJG006

- Connect the device to the power supply and turn on the switch.
- Secure the tube to the clamp and try to push it toward the centre of the disc.
- Use the 'MENU' button to set the time/speed, and the up and down buttons to adjust the desired parameters. The values will appear on the display.
- Press the 'START/STOP' button to start/stop the operation of the device.

REFERENCE LJG007

- Connect the device to the power supply and turn on the switch.
- Insert the tube into the module slot so that it is as centred as possible.
- Turn the knob to start the rotation.

REFERENCE LJG008

- Connect the device to the power supply and turn on the switch.
- Insert the tube into the module slot so that it is as centred as possible.
- Use the 'MENU' button to set the time/speed, and the up and down buttons to adjust the desired parameters. The values will appear on the display.
- Press the 'START/STOP' button to start/stop the operation of the device.

Instrument use environment:

- Indoor use only
- Altitude: ≤ 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.