

AGITADOR DE RODILLOS TUBE ROLLER MIXERS AGITATEURS À ROULEAUX

Ref. | Code | Réf.
LJD003 - Mod. 683/20
LJD004 - Mod. 683/30



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.

LANGUAGE INDEX

Spanish	1-3
English	4-5
French	6-7

TABLE OF CONTENTS

1. INTRODUCTION	4
2. TECHNICAL SPECIFICATIONS	4
3. OPERATION	5

1. INTRODUCTION

Nahita-Blue roller mixers offer high performance and versatility, making them ideal for applications such as haematological analysis and the homogeneous mixing of different types of samples in clinical and research laboratories.

2. TECHNICAL SPECIFICATIONS

Code	LJD003	LJD004
Model	683/20	683/30
Type	Rotary agitation	Horizontal agitation
Rollers	6	4
Containers	Tubes	Reagent bottles
Maximum capacity	10x50 ml (0.5 kg)	2x1L (2kg)
Permitted container dimensions	Ø 6-34 mm	Ø 45-100 mm
Control mode	Knob	Digital
Motor	Brush motor	Brushless
Speed	20-80 rpm	
Time	-	1 min-23h59min
Power	25 W	
Voltage	100-220V 50/60 Hz	
Dimensions	440x255x105 mm	

3. OPERATION

- Application: Suitable for mixing operations in different fields.
- Using steps:

REFERENCE LDJ003

- Plug in the power supply and turn on the switch.
- Place the sample tubes on the roller.
- Turn the knob to adjust the rotational speed.
- Turn the knob to the left to turn off the device.

REFERENCE LDJ004

- Plug in the power supply and turn on the switch.
- Place the sample tube/reagent bottle on the roller.
- 'MENU' key is used to switch time/speed, up and down keys to adjust parameters.
- Press 'STAR/STOP' keys to start/stop 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.