

# L

# STIRRING

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▶ LBB - With heating, analogical

▶ Analogic with heating Nahita 690/1



1 | Epoxy coated metal body. Supplied with support (rod, nut and clamp) and magnet for stirring.

<b>Code</b>	LBB001
<b>Speed range</b>	10-2000 rpm
<b>Maximum stirring volume</b>	2 L
<b>Temperature range</b>	RT - 180°C
<b>Plate material</b>	Metallic epoxy coated
<b>Plate size</b>	120x120 mm
<b>Aprox. dimensions</b>	200x120x90 mm
<b>Aprox. weight</b>	2 Kg
<b>Consumption</b>	200 W

▶ Analogic with heating Nahita-Blue, 693



1 | Supplied with a rod, clamp for holding an electrode or thermometer, and a magnet for stirring. Audible alarm in case of overheating.

<b>Code</b>	LBB006
<b>Max. speed</b>	100-1500 rpm
<b>Maximum stirring volume</b>	20 L
<b>Temperature range</b>	RT - 350 °C
<b>Plate size</b>	180x180 mm
<b>Dimensions</b>	300x210x126 mm
<b>Consumption</b>	580 W
<b>Power</b>	220v 50-60 Hz

▶ With heating RSLAB-1C



1 | Brushless motor guarantees a long operating. Protection according to DIN EN 60529: IP42.

<b>Code</b>	LBB003	LBB005
<b>Speed range</b>	0-1500 rpm	
<b>Maximum stirring volume</b>	20 L	
<b>Temperature range</b>	RT - 340°C	
<b>Plate material</b>	Metallic, ceramic coated	Stainless steel
<b>Ø plate</b>	ø 135 mm	
<b>Dimensions</b>	280 x 160 x 85 mm	
<b>Weight</b>	2,8 Kg	
<b>Consumption</b>	550 W	

▶ With heating RSLAB-5C, 10 positions



1 | Individually controlled stirring for consistency with various samples. External rotor brushless motor reduces operating noises and increases motor life. Electronic speed control motor provides constant speed during changes in load.

<b>Code</b>	LBB004
<b>Speed range</b>	0-1100 rpm
<b>Max. stirring volume</b>	0,4 L
<b>Temperature range</b>	RT - 120°C
<b>Safety temperature</b>	140°C
<b>Plate material</b>	Silicone coating
<b>Plate size</b>	182x450 mm
<b>Dimensions</b>	182x 552x65 mm
<b>Weight</b>	3,2 Kg
<b>Consumption</b>	490 W



▶ LBD - With heating, digital

▶ With heating Nahita Blue, 693/1

**nahita**  
blue

1 | Protection against overheating. Supplied with rod and clamp, temperature probe and stirring magnet. Probe not included.

Code	LBD009
Display	LCD
Speed range	100-1500 rpm
Max. stirring capacity	20 L
Temperature range	RT - 350°C
Plate material	Metallic, ceramic coated
Plate size	190 x 190 mm
Dimensions	300 x 210 x 126 mm
Weight	4,2 Kg
Consumption	600 W



▶ With heating RSLAB-2C

**RS Lab**

1 | With watertight ring to protect the body of equipment. Includes PT1000 temperature probe code LBM002. Kit stand not included ref LBM003.

Code	LBD002	LBD008
Display	LCD	
Speed range	100-1500 rpm	
Max. stirring capacity	20 L	
Temperature range	RT - 340°C	
Safety range	360°C	
Plate material	Ceramic	Stainless steel
Plate Ø	Ø 135 mm	
Dimensions	280x160x85 mm	
Weight	2,8 Kg	
Consumption	550 W	



▶ With heating RSLAB-4C

**RS Lab**

1 | Includes PT1000 temperature probe code LBM002

Code	LBD004
Display	LCD
Speed range	100-1500 rpm
Max. stirring capacity	20 L
Temperature range	RT - 550°C
Safety range	580°C
Plate material	Glass ceramic
Plate dimensions	184x184 mm
Dimensions	360x215x12 mm
Weight	5,3 Kg
Consumption	1000 W



▶ With heating RSLAB-3C

**RS Lab**

1 | Includes PT1000 temperature probe code LBM002.

Code	LBD003
Display	LED
Speed range	0-1500 rpm
Max. stirring capacity	10 L
Temperature range	RT - 550°C
Safety range	580°C
Plate material	Glass ceramic
Plate dimensions	184x184 mm
Dimensions	360x215x112 mm
Weight	4,5 Kg
Consumption	1050 W





▶ LBD - With heating, digital

▶ Digital stirrer with heating RSLAB-11C



Code	LBD005	LBD006
Display	LED	
Speed range	200 - 1500 rpm	
Temperature range	RT - 280°C	
Safety range	320°C	
Maximum volume	3 L	
Plate diameter	135 mm	
Plate material	Metallic, ceramic coated	Stainless steel
Dimensions	260 x 150 x 80 mm	
Weight	1,8 Kg	

▶ Digital stirrer with heating mantle round



- 1 | Compatible with flat-bottomed beakers with a capacity of 100 ml, 250 ml, 500 ml, or 1000 ml (LBD015-18), or compatible with round-bottomed flasks with a capacity of 100 ml, 250 ml, 500 ml, or 1000 ml (LBD011-14).
- 2 | Temperature self-calibration function for greater accuracy.
- 3 | Heating mantle made of cotton with high-quality aluminum silicate fiber, offering precise temperature control, uniform heating, and corrosion resistance.
- 4 | Flame-retardant metal exterior for increased safety.
- 5 | Brushless DC motor, explosion-proof, maintenance-free, and with long service life.
- 6 | WARNING SIGNAL when the mantle temperature exceeds 50°C, even when the mantle is turned off, as long as the power cord is plugged in.
- 7 | Two safety circuits monitor the device. If the sensor fails and overheating occurs, an error code will be generated, and the stirrer will stop heating. In case of a short circuit in the first circuit, the second will cut off the power to protect the user.



Code	LBD011	LBD012	LBD013	LBD014
Capacity (for round bottom flasks)	100 mL	250 mL	500 mL	1000 mL
Internal diameter	73 mm	90 mm	119 mm	145 mm
Speed range	200-1500 rpm			
Précision de la vitesse	±20 tr/min			
Display	LCD			
Temperature range	25-280 °C			
Temperature accuracy	± 0,1 °C			
Warning signal	50 °C			
External temperature sensor	PT100 (accuracy ± 0,1°C)			
Indice de protection	IP21			
Dimensions	295x160x160 mm			
Weight	3,7 kg			
Consumption	210 W	240 W	380 W	440 W

Code	LBD015	LBD016	LBD017	LBD018
Capacity (for beakers)	100 mL	250 mL	500 mL	1000 mL
Internal diameter	55 mm	73 mm	90 mm	119 mm
Speed range	200-1500 rpm			
Précision de la vitesse	±20 tr/min			
Display	LCD			
Temperature range	25-280 °C			
Temperature accuracy	± 0,1 °C			
Warning signal	50 °C			
External temperature sensor	PT100 (accuracy ± 0,1°C)			
Indice de protection	IP21			
Dimensions	295x160x160 mm			
Weight	3,7 kg			
Consumption	210 W	240 W	380 W	440 W



## ▶ LBD - With heating, digital

### ▶ With heating RSLAB-6C

**RS Lab**

- 1 | Automatic shutdown function when the temperature is lower than 50°C.
- 2 | SD card to record equipment operating data in real time
- 3 | Motor type: 24DC, brushless, maintenance free. Protection class: IP21.
- 4 | It has a connector on the back for the connection of an external PT1000 probe (not included) and a 10mm metric thread for placing the kit support for the probe.

<b>Code</b>	LBD010
<b>Display</b>	LCD Backlit
<b>Temperature value readability</b>	0,1 °C
<b>Speed range</b>	100-1500 rpm
<b>Working temperature and humidity</b>	5-40 °C, 80%HR
<b>Temperature max.</b>	500 °C
<b>Safety range</b>	540 °C
<b>Temperature control accuracy</b>	±1°C (<100°C), ±1%(>100°C)
<b>Max stirring magnet length</b>	80 mm
<b>Maximum stirring capacity</b>	30 L
<b>Plate material</b>	Glass-ceramic
<b>Plate dimensions</b>	254x254 mm
<b>Dimensions</b>	424x328x138 mm
<b>Weight</b>	7,3 kg
<b>Consumption</b>	1700 W
<b>Power</b>	200-240 V, 50/60 Hz



## ▶ LBG - Without heating, analogical

### ▶ Magnetic stirrer, 1M - Mini

**RS Lab**

- 1 | With rod and electrode clamp.
- 2 | Polyethylene Terephthalate (PET) plate with high chemical resistance.
- 3 | High-performance, brushless motor.
- 4 | Silent functioning.

<b>Code</b>	LBG011
<b>Speed range</b>	300 - 2000 rpm
<b>Maximun volume</b>	1,5 L
<b>Plate diameter</b>	120 mm
<b>Aprox. weight</b>	0,3 Kg





LBG - Without heating, analogical

▶ Analogical stirrer RSLAB-11NCA



1 | Nylon + GF housing, with good resistance to weak acids and bases.

<b>Code</b>	LBG010
<b>Speed range</b>	10 - 1500 rpm
<b>Maximum volume</b>	3 L
<b>Plate material</b>	Nylon + GF
<b>Plate diameter</b>	135 mm
<b>Approx. dimensions</b>	260x150x80 mm
<b>Approx. weight.</b>	1,8 Kg

▶ Magnetic stirrer, Nahita Blue 682



1 | Supplied with rod, clamp and magnet for shaking. Speed Indicator Pilot.

<b>Code</b>	LBG002
<b>Speed range</b>	100 - 1600 rpm
<b>Maximum stirring volume</b>	5 L
<b>Plate material</b>	Metallic, ceramic coated
<b>Plate size</b>	190 x 190 mm
<b>Aprox. dimensions</b>	300x210x 26 mm
<b>Aprox. weight</b>	5 Kg

▶ Without heating RSLAB-1NC



1 | Motor with electronic speed control, constant speed even with load change.

<b>Code</b>	LBG003	LBG007
<b>Speed range</b>	0-1500 rpm	
<b>Maximum stirring volume</b>	20 L	
<b>Plate material</b>	Ceramic	Stainless steel
<b>Plate dimensions</b>	Ø 135 mm	
<b>Dimensions</b>	280x160x85 mm	
<b>Weight</b>	2,8 Kg	

▶ Without heating RSLAB-1F (flat design)



1 | Brushless motor. With anti-reverse system. Only 15 mm thick. IP65 protection.

<b>Code</b>	LBG004
<b>Speed range</b>	15-1500 rpm
<b>Maximum stirring volume</b>	0,80 L
<b>Maximum stirring weight</b>	2 kg
<b>Operation light</b>	Yes
<b>Ø plate</b>	Ø 90 mm
<b>Dimensions (LxAxH)</b>	175x120x15 mm
<b>Weight</b>	0,30 Kg



▶ LBG - Without heating, analogical

▶ Analogical stirrer RSLAB-5NC, 10 positions

**RS Lab**

1 | Internal control of the uniformity of the agitation according to the number of positions used. Maintenance-free brushless motor.

<b>Code</b>	LBG005
<b>Speed range</b>	0-1100 rpm
<b>Stirring positions</b>	10
<b>Max volume / positions</b>	0,4 L
<b>Plate material</b>	Silicone coating
<b>Plate size</b>	182x450 mm
<b>Approx. dimensions</b>	182x552x65 mm
<b>Approx. weight</b>	3,2 Kg



▶ Digital stirrer 15 positions MS-T-S15

**DVAB**

1 | Brushless DC motor and powerful magnet ensure fast and accurate stirring speed.  
2 | Aluminum laser engraving disc surface, anti-slip and anti-abrasive corrosion-proof.  
3 | 15 stirring positions controlled by 3 independent channels, all channels are available at different speeds and times..

<b>Code</b>	LBG013
<b>Speed range</b>	100 - 1500 rpm
<b>Volume</b>	15x0,4 L
<b>Work surface dimensions</b>	460x304 aluminum
<b>Protection</b>	IP21
<b>Screen</b>	LCD
<b>Power supply</b>	110-220V 50/60Hz; 40W
<b>Approx. dimensions</b>	615x307x90 mm
<b>Approx. weight.</b>	9,2 Kg



▶ LBJ - Without heating, digital

▶ Digital stirrer RSLAB 11 NCD

**RS Lab**

1 | Nylon + GF housing, with good resistance to weak acids and bases.

<b>Code</b>	LBJ001
<b>Display</b>	LED
<b>Speed range</b>	10 - 1500 rpm
<b>Maximun volume</b>	3 L
<b>Plate material</b>	Nylon + GF
<b>Plate diameter</b>	135 mm
<b>Approx. dimensions</b>	260 x 150 x 80 mm
<b>Approx. weight.</b>	1,8 Kg





▶ LBM - Accessories

COMPATIBLE ACCESSORIES - NOT INCLUDED



Temp. probe PT1000  
Code LBM002



Temp. probe with glass coating  
Code LBM005



Support kit for probe  
Code LBM003 and LBM004



Adapter for round bottom flasks 500 mL  
Code LBM009



Adapter for round bottom flasks 50 mL  
Code LBM006



Adapter for round bottom flasks 100 mL  
Code LBM007



Adapter for round bottom flasks 200 mL  
Code LBM008



Poly-block stand For tubes of 15 mL  
Code LBM015



Soporte poly-bloc For tubes of 4 mL  
Code LBM010



Soporte poly-bloc For tubes of 20 mL  
Code LBM011



Soporte poly-bloc For tubes of 30 mL  
Code LBM012



Poly-block stand For tubes of 40 mL  
Code LBM013



Poly-block stand For tubes of 8 mL  
Code LBM014



Support for poly-block stands  
Code LBM016



Ring for poly block stand  
Code LBM017



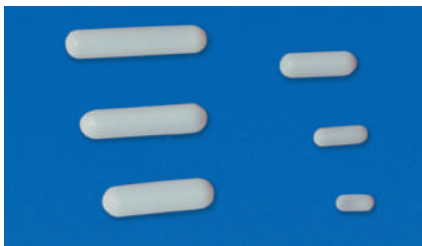
Protective cover  
Code LBM018

Code	Description	Model					
		1 C	2 C	3 C	4 C	6 C	11 C
LBM002	Temperature sensor Pt1000 f/RSLAB stirrers, 230 mm		■	■	■	■	■
LBM005	PT1000 temperature sensor, glass coated, L 230mm		■	■	■	■	■
LBM003	Support kit for temperature probe PT1000		■	■	■		
LBM004	Support kit for temperature probe PT1000						■
LBM006	Adapter for round bottom flask 50 mL	■	■				■
LBM007	Adapter for round bottom flask 100 mL	■	■				■
LBM008	Adapter for round bottom flask 250 mL	■	■				■
LBM009	Adapter for round bottom flask 500 mL	■	■				■
LBM010	Poly-block red stand with 11 holes for 4 mL tubes	■	■	■	■		■
LBM011	Poly-block purple stand with 4 holes for 20 mL tubes	■	■	■	■		■
LBM012	Poly-block blue stand with 4 holes for 30 mL tubes	■	■	■	■		■
LBM013	Poly-block black stand with 4 holes for 40 mL tubes	■	■	■	■		■
LBM014	Poly-block green stand with 6 holes for 8 mL tubes	■	■	■	■		■
LBM015	Poly-block yellow stand with 4 holes for 16 mL tubes	■	■	■	■		■
LBM016	Blue support for 4 poly-block stands	■	■				■
LBM017	Blue ring for 4 poly-block stands	■	■				■
LBM018	Protective cover resistant up to 135°	■	■				



## LDB - Cylindrical magnets

### ▶ PTFE magnetic stirrer bar



1| Excellent chemical and physical resistance. Withstands up to 275°C

Code	Diameter	Length	Lot
LDB001	3 mm	6 mm	5
LDB002	4 mm	10 mm	5
LDB003	5 mm	15 mm	5
LDB004	7 mm	20 mm	5
LDB005	8 mm	25 mm	5
LDB006	8 mm	30 mm	5
LDB007	8 mm	35 mm	5
LDB008	8 mm	40 mm	5
LDB009	8 mm	45 mm	5
LDB010	8 mm	50 mm	5
LDB011	8 mm	55 mm	5
LDB012	8 mm	60 mm	5
LDB013	8 mm	70 mm	5
LDB014	10 mm	80 mm	5



**Kartell**



Code	Diameter	Length	Lot
LDB019	3 mm	8 mm	10
LDB020	3 mm	6 mm	10
LDB021	4,5 mm	11,5 mm	10
LDB022	4,5 mm	15 mm	10
LDB023	6 mm	19,5 mm	10
LDB024	6 mm	24,5 mm	10
LDB025	6 mm	30 mm	10
LDB027	7 mm	50 mm	10
LDB026	6 mm	34,5 mm	10
LDB028	8 mm	40 mm	10
LDB029	8 mm	45 mm	10
LDB030	9,5 mm	60 mm	10
LDB031	9,5 mm	70 mm	10

### ▶ Stirring bars "economy"

**Kartell**



Code	Diameter	Length	Lot
LDB015	3 mm	12 mm	10
LDB016	8 mm	25 mm	10
LDB017	8 mm	40 mm	10
LDB018	8 mm	50 mm	10

## LDB - Cylindrical magnets

### ▶ Magnetic stirring-bar polygon

**VITLAB**

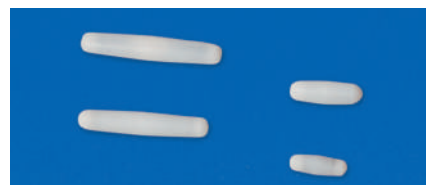


Code	Diameter	Length	Lot
LDB501	2 mm	5 mm	10
LDB502	2 mm	7 mm	10
LDB503	3 mm	8 mm	10
LDB504	3 mm	10 mm	10
LDB505	3 mm	13 mm	10
LDB506	4 mm	12 mm	10
LDB507	5 mm	12 mm	10
LDB508	6 mm	15 mm	10
LDB509	7 mm	20 mm	10
LDB510	7 mm	25 mm	10
LDB511	7 mm	30 mm	10
LDB512	7 mm	40 mm	10
LDB513	7 mm	50 mm	10
LDB514	7 mm	60 mm	10

## LDD - Oval magnets

### ▶ PTFE magnetic stirrer bar

**nahita blue**



1| Excellent chemical and physical resistance.

Code	Diameter	Length
LDD001	5 mm	10 mm
LDD002	7 mm	15 mm
LDD003	7 mm	18 mm
LDD004	9 mm	25 mm
LDD005	10 mm	30 mm
LDD006	12 mm	25 mm
LDD007	12 mm	35 mm
LDD008	15 mm	45 mm
LDD017	20 mm	40 mm
LDD018	50 mm	20 mm



**Kartell**

Code	Diameter	Length
LDD010	10 mm	20 mm
LDD011	12 mm	25 mm
LDD012	16 mm	30 mm
LDD013	16 mm	35 mm
LDD014	20 mm	40 mm
LDD015	20 mm	50 mm
LDD016	20 mm	64 mm



▶ LDG - Octagonal magnets

▶ PTFE magnetic stirrer bar



1 | Excellent chemical and physical resistance. They withstand up to 275 °C.

Code	Diameter	Lenght	Lot
LDG001	8 mm	15 mm	5
LDG002	8 mm	20 mm	5
LDG003	8 mm	25 mm	5
LDG004	8 mm	30 mm	5
LDG005	8 mm	38 mm	5
LDG006	8 mm	40 mm	5
LDG007	8 mm	50 mm	5
LDG016	8 mm	75 mm	10



**Kartell**



Code	Diameter	Lenght
LDG009	6 mm	25 mm
LDG011	6 mm	30 mm
LDG008	6,5 mm	20,5 mm
LDG010	6,5 mm	35 mm
LDG012	7,5 mm	45 mm
LDG013	7,5 mm	50,5 mm
LDG014	9,5 mm	60 mm
LDG015	9,5 mm	70 mm

▶ LDJ - Cross, star shape magnets

**Kartell**



*Crosshead*



*Disc stirring*



Code	Diameter	Lenght
<b>Crosshead</b>		
LDJ001	10 mm	8 mm
LDJ002	14 mm	10 mm
LDJ003	17 mm	13 mm
<b>Disc stirring</b>		
LDJ004	10 mm	6 mm
LDJ005	20 mm	10 mm
LDJ006	30 mm	12 mm

▶ LDM - Triangle magnets

▶ PTFE magnetic stirrer bar

**Kartell**



Code	Dimensions
LDM001	5,5x12 mm
LDM002	7,5x25 mm
LDM003	8x34 mm
LDM004	10,5x50 mm

▶ LDP - Other magnets

▶ Stirring bar retrievers

**Kartell**



1 | PTFE coating.

Code	Lenght
LDP006	300 mm
LDP007	240 mm

▶ Stirrer bar retriever



Code	Lenght	Tip Ø
LDP011	350 mm	10 mm
LDP013	150 mm	9 mm
LDP014	250 mm	9 mm

▶ Box of 18 magnetic stirrer bars



Includes:

- **14 cylindrical stirrer bars of:** 6x4 mm, 10x4 mm, 15x5 mm, 20x7 mm, 25x8 mm, 30x8 mm, 35x8 mm, 40x8 mm, 45x8 mm, 50x8 mm, 55x8 mm, 60x8 mm, 70x8 mm, 80x10 mm
- **1 oval stirrer bar of 50x8 mm**
- **3 octagonal stirrer bars of:** 20x6.5 mm, 30x7.5 mm, 40x10 mm

Code	Description
LDP012	Box of 18 magnetic stirrer bars



## LDP - Other magnets

### ▶ Magnetic stirring bar retrievers, PTFE

VITLAB



1 | With PTFE encapsulated magnetic core

Code	Length
LDP500	150 mm
LDP501	250 mm
LDP503	300 mm
LDP502	350 mm

### ▶ Magnetic stirring bar retrievers, PE

VITLAB

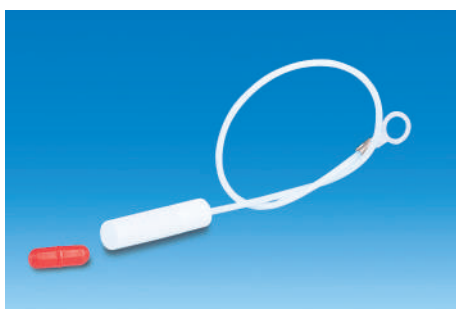


1 | With a permanent magnet on one end and holding ring on the other one. Magnet is completely encapsulated in a PE mantle

Code	Length
LDP504	450 mm

### ▶ Magnetic stirring bar retrievers, flexible, PTFE

VITLAB



1 | Due to the high flexibility, the magnet stir bar can be retrieved from inaccessible locations, e.g., from the water trap in a laboratory sink

Code	Length
LDP505	330 mm

## LDR - Stirring rods

### ▶ Stirring rod, solid glass

ENDO  
glassware



1 | Totally inert and with burned out ends. Suitable for stirring all types of solutions.

Code	Shape	Diameter	Length
LDR001	Helicoid	5 mm	200 mm
LDR002	Straight	5-6 mm	200 mm
LDR011	Straight	5-6 mm	250 mm
LDR012	Straight	7-8 mm	250 mm
LDR013	Straight	8-9 mm	250 mm
LDR003	Straight	5-6 mm	300 mm
LDR004	Straight	6-7 mm	400 mm
LDR005	Straight	6 mm	500 mm

### ▶ Stirring rods, PVC

Kartell



Code	Length	Diameter
LDR007	250 mm	7 mm
LDR008	300 mm	7 mm
LDR009	350 mm	7 mm

### ▶ Policemen stirring rods

Kartell



1 | Spatula shaped ends. Made of polypropylene (PP).

Code	Length
LDR010	244 mm



nahita  
blue

1 | Made of white polypropylene. Molded in one piece. Spatula shaped ends.

Code	Length
LDR006	244 mm



**LGB - Vibrating mixers for tubes**

**Vortex, RSLAB-6 PRO**



- 1| Adapters securely clicked onto appliance in any position.
- 2| Specially designed rubber feet for excellent vibration damping. Eccentric with oil-less ball bearings.
- 3| Provided with a standard top for tubes with diameter <30 mm. (code LGG016). Protection class according to DIN EN60529: IP21.

<b>Code</b>	LGB003
<b>Speed range</b>	0-3000 rpm
<b>Shacking movement</b>	Orbital (diameter 4 mm)
<b>Operation type</b>	Continuous / by contact
<b>Approx. dimensions</b>	127x130x160 mm
<b>Approx. weight</b>	3,5 Kg

**Accessories - INCLUDED**



Standard top for tubes Ø 30 mm  
Code LGG016



Universal top for tube adapters  
Code LGG009



Adapter for 16 round bottom tubes 12 mm  
Code LGG012

**Accessories- NOT INCLUDED**



Adapter for 48 PCR microtubes, 6 mm  
Code LGG010



Adapter for 8 round bottom tubes 16 mm  
Code LGG013



Antiskid platform  
Code LGG018



Adapter for 15 round bottom tubes 10 mm  
Code LGG011



Adapter for 8 round bottom tubes 20 mm  
Code LGG014



Spare rubber foot  
Code LGG017



Push rod for adapters  
Code LGG015

**Vortex model 700**



- 1| The Mini Vortex Model 700 features a low center of gravity design that is compact, sturdy, and easy to operate. Its constant speed ensures it can quickly handle sample mixing.
- 2| It has a power indicator light, and the oscillating joint is made of wear-resistant silicone.
- 3| Integrated zinc alloy base and stable operation without shifting during use.

<b>Code</b>	LGB006
<b>Speed</b>	Fixed, 4000 RPM
<b>For tubes</b>	Up to Ø 30 mm
<b>Maximum load</b>	600 gr
<b>Approx. dimensions</b>	100x95x85 mm
<b>Power</b>	100-240VAC 50/60Hz 0.5 A
<b>Consumption</b>	12 W
<b>Approx weight</b>	1 Kg



## LGB - Vibrating mixers for tubes

### Vortex model 710



- 1| Adopting advanced design concepts and manufacturing technology, the model features simple appearance with compact and firm structure, ensuring its high universality and easy operation as well as ensuring sufficient counterweight for high stability.
- 2| Two modes of operation by time and continuous..
- 3| It has a photosensor to activate/deactivate its operation as well as a digital LCD screen
- 4| The motor does not generate heat as well as having over-temperature protection, ensuring long-term trouble-free operation.

<b>Code</b>	LGB007
<b>Motor</b>	DC24 V / 1.5 A
<b>Speed range</b>	200-3000 rpm $\pm$ 5%
<b>Circumference diameter</b>	4.5 mm
<b>Screen</b>	LCD
<b>Sensor</b>	IR
<b>Time to full speed</b>	<3s
<b>Braking time</b>	<3 s
<b>Power</b>	20 W



#### COMPATIBLE ACCESSORIES - INCLUDED



Tube support up to  $\varnothing$  50 mm  
Code LGG030



Flask support up to  $\varnothing$  85 mm  
Code LGG031



1,5 mLx14 tube support  
Code LGG032

### Vortex, multitube



- 1| Made of metal, with four suction cup rubber feet.
- 2| Equipped with emergency stop button, to immediately stop operation of the equipment in case of need.
- 3| They include 3 types of sponges with different capacities and volumes: for 20 tubes of 50 mL, for 54 tubes of 15 mL, and for 54 tubes of 1.5/2 mL.

<b>Code</b>	LGB004
<b>Speed range</b>	200 – 2500 rpm (steps of 10)
<b>Shacking movement</b>	Orbital $\varnothing$ 3,6 mm
<b>Time range</b>	1 – 59 s; 1-999 min
<b>Programs</b>	0 – 9
<b>Approx. dimensions</b>	425x300x445 mm
<b>Power</b>	100-240 VAC 50/60 Hz
<b>Consumption</b>	90 W
<b>Approx. weight</b>	24 Kg



#### COMPATIBLE ACCESSORIES - INCLUDED



54 tubes of 1,5/2 mL



54 tubes of 15 mL



20 tubes of 50 mL



▶ LGB - Vibrating mixers for tubes

▶ Multifunctional digital vortex mixer model 720



- 1| Highly universal and easy to operate vortex shaker for different types of microplates and small tubes.
- 2| With low center of gravity and anti slip supports.
- 3| Maintenance-free brushless motor with overheat protection.

<b>Code</b>	LGB008
<b>Speed range</b>	200 – 2500 rpm (steps of 10)
<b>Shacking movement</b>	Orbital $\varnothing$ 3,6 mm
<b>Timer</b>	1 – 999 min; countdown; contact timer
<b>Programs</b>	0 – 9
<b>Approx. dimensions</b>	425x300x445 mm
<b>Power</b>	100-240 VAC 50/60 Hz
<b>Consumption</b>	90 W
<b>Approx. weight</b>	24 Kg

Compatible accessories (included):

Code	Description
LGG033	Adapter for tubes $\varnothing$ <50 mm
LGG034	Adapter for $\varnothing$ <85 mm flasks
LGG035	Adapter for microplates
LGG036	Adapter for 30 microtubes of 1.5 mL
LGG037	Adapter for 5 tubes of 15 mL
LGG038	Adapter for 16 tubes of 5/8 mL

Compatible accessories (not included):

Code	Description
LGG039	Adapter for 12 10 mL tubes
LGG040	Adapter for 12 strips of 8 PCR microtubes of 0.2 mL
LGG041	Adapter for 12 tubes of 15 mL
LGG042	Adapter for 2 50 mL tubes
LGG043	Adapter for 4 injection vials

▶ Rocking Mixer “Vibromatic”



- 1| Electronic control from 100 to 950 oscillations per minute. (1900 vibrations) and timer from 1 to 999 minutes or continuous operation.
- 2| Easily detachable arms equipped with 8 clamps.

<b>Code</b>	LGB505
<b>Oscilations</b>	100-950
<b>Maximun capacity</b>	4 Kg
<b>Height / Width /Depth</b>	23x77x27
<b>Power</b>	34 W
<b>Weight</b>	11 Kg

▶ LGD - For microplates

▶ Multifunctional digital vortex mixer model 730



- 1| Microplate shaker with a compact appearance, easy operation, safe, stable, and silent. It features a 3-inch LCD screen displaying the system's status and operating parameters in real time.
- 2| Speed and time controlled by a microprocessor. It has a capacity for 4 plates or microplates. Equipped with a power recovery function, the instrument can automatically resume operation according to the original program after a power outage recovery.
- 3| Convenient fixing bracket for easy and quick installation of microplates.
- 4| Maintenance-free brushless motor.

<b>Code</b>	LGD003
<b>Speed range</b>	200 – 1500 rpm (steps of 10)
<b>Modes of use</b>	Continuous, pulses
<b>Storage</b>	Up to 10 programs
<b><math>\varnothing</math> plate</b>	3 mm
<b>Timer</b>	4 microplates
<b>Time to maximum ascending speed</b>	10 s
<b>Time to maximum descending speed</b>	5 s



## LGD - For microplates

### RSLAB - 12

1| Adapter for 1 microplate. Other compatible adapters available.

<b>Code</b>	LGD001
<b>Speed range</b>	0-1500 rpm simple microplate 0-1000 rpm double microplate
<b>Shacking movement</b>	Orbital
<b>Orbital shacking diameter</b>	4,5 mm
<b>Operation type</b>	Continuous
<b>Max. shacking weight</b>	0,5 Kg
<b>Approx. dimensions</b>	260 x 150 x 80 mm
<b>Approx. weight</b>	3 Kg



#### ACCESSORIES -INCLUDED



#### ACCESSORIES - NOT INCLUDED



Support 2 microplates  
Code LGG020



Support for tube adapters  
Code LGG021



Adapter for 48 PCR microtubes  
Code LGG010



Adapter for 15 round bottom tubes  
Code LGG011



Adapter for 16 round bottom tubes  
Code LGG012



Adapter for 8 round bottom tube  
Code LGG013



Adapter for 8 round bottom tubes  
Code LGG014

### Shakers for platelet bags "APL-54" and "APL-108"



- 1| Epoxy covered case with treated aluminium platform with AISI 304 stainless steel racks for bags.
- 2| Programmable stirring automatic restart and pause device for bags handling (30 ± 90 seconds). Acoustic alarm in case of power failure.

<b>Code</b>	LGD500	LGD501
<b>Model</b>	APL-54	APL-108
<b>N° of shelves</b>	9	18
<b>Capacity bags</b>	54	108
<b>Height / Width / Depth</b>	40x44x39 cm	40x84x38 cm
<b>Power</b>	50 W	
<b>Voltage</b>	110 / 230 50/60 Hz	
<b>Weight</b>	22Kg	35 kG





**LJB - Oscilating**

▶ Oscillating stirrer analogical, 683/10



1 | Platform with grooved rubber.

<b>Code</b>	LJB001
<b>Speed</b>	15 rpm
<b>Shaking movement</b>	Swaying
<b>Shaking angle</b>	25°
<b>Maximun shaking capacity</b>	12 tubes
<b>Max. tube size</b>	20x170 mm
<b>Platform material</b>	Grooved rubber
<b>Platform size</b>	255x175 mm
<b>Approx. dimensions</b>	350x200x95 mm
<b>Approx. weight</b>	2,5 Kg

▶ Digital, RSLAB-15



1 | Aluminum alloy platform with non-slip coating, included.  
2 | Includes 8 elastic bands.

<b>Code</b>	LJB003
<b>Speed range</b>	10 – 70 rpm
<b>Shaking movement</b>	Swaying
<b>Shaking angle</b>	9°
<b>Maximun shaking capacity</b>	10 Kg
<b>Operation type</b>	Continuous or timed
<b>Timer</b>	1-1199 min
<b>Approx. dimensions</b>	410 x 360 x 200 mm
<b>Approx. weight.</b>	9,0 Kg

▶ LED Digital Rocking Shaker mod. - SK-R1807-S



1 | Continuous operation and programmed time work. Platform with non-slip rubber and included securing elastics.

<b>Code</b>	LJB004
<b>Angle of tilt</b>	7°
<b>Max. shaking weight (with platform)</b>	2 Kg
<b>Speed</b>	10-80 rpm
<b>Weight</b>	3,1 Kg
<b>Dimensions</b>	294X348X123 mm
<b>Power</b>	100-240 V, 50/60 Hz
<b>Consumption</b>	20 W

**LJD - Roll and tilt**

▶ Tube roller RSLAB-10



1 | Allows shaking various types of tubes with different liquid samples, viscous samples, or solid suspensions where minimal aeration is required.

<b>Code</b>	LJD002
<b>Speed range</b>	0-70 rpm
<b>Shaking movement</b>	Rotary and swinging
<b>Rollers</b>	6
<b>Operation type</b>	Continuous
<b>Max. shaking weight</b>	4 Kg
<b>Approx. dimensions</b>	450 x 260 x 120 mm
<b>Approx. weight</b>	4,5 Kg



**LJG - Rotative**

**Analogal multiposition, RSLAB-9** **RS Lab DLAB**

- 1| Rotor capacity of the “disc” model: 48 x 1,5mL, 16 x 15mL y 8 x 50mL.
- 2| The “rotisserie” model is supplied with 36 adapters of 1,5 mL, 12 adapters of 15 mL and 12 adapters of 50 mL.

<b>Code</b>	LJG002	LJG001*
<b>Model</b>	RSLAB-9 disc	RSLAB-9 rotisserie
<b>Speed range</b>	0 – 80 rpm	
<b>Shaking movement</b>	Rotational	
<b>Operation type</b>	Continuous	
<b>Approx. dimensions</b>	300x220x310 mm	530x150x190 mm
<b>Approx. weight</b>	2,0 Kg	1,7 Kg

\* DLab trademark



**ACCESSORIES (INCLUDED)**

Code	Description
LJJ011	Clips of disc accessory for tubes 1,5 mL (pack of 12)
LJJ012	Clips for rotator disc for 15 mL tubes (pack of 12)
LJJ013	Clips for rotator disc for 50 mL tubes (pack of 12)



**Digital multiposition, RSLAB-9** **RS Lab**

- 1| Rolling action (end-over-end)

<b>Code</b>	LJG004	LJG003
<b>Model</b>	RSLAB-9 digital disk	RSLAB-9 digital roaster
<b>Display</b>	LCD	
<b>Speed range</b>	10-70 rpm	
<b>Shaking movement</b>	Rotational	
<b>Shaking angle</b>	Adjustable from 0° to 90°	
<b>Timer type</b>	Continuous or scheduled	
<b>Timer</b>	1 - 1199 min	
<b>Approx. dimensions</b>	510x190x260 mm	
<b>Approx. weight</b>	8,0 Kg	



**Rotisserie model**



Horizontally for 48 tubes of 1,5 mL  
Code *LJJ001*



Horizontally for 24 tubes of 15 mL  
Code *LJJ002*



Horizontally for 24 tubes of 50 mL  
Code *LJJ003*



Horizontally for 32 tubes of 1,5 mL  
Code *LJJ004*



Horizontally for 16 tubes of 15 mL  
Code *LJJ005*



Horizontally for 16 tubes of 50 mL  
Code *LJJ006\**  
*\* included with equipment*

**Disc model**



Disc for 60 tubes of 1,5 mL  
Code *LJJ007*



Disc for 16 tubes of 15 mL  
Code *LJJ008*



Disc for 8 tubes of 50 mL  
Code *LJJ009\**  
*\* included with equipment*



4 support rods for accessory disc  
Code *LJJ010*



**LJL - 3 D**

▶ Digital, RSLAB-14 D



<b>Code</b>	LJL002
<b>Shaking movement</b>	Orbital 3D
<b>Shaking angle</b>	9°
<b>Speed range</b>	10 – 70 rpm
<b>Operation type</b>	Continuous or scheduled
<b>Timer</b>	1 - 1199 min
<b>Max. shaking weight</b>	5 Kg
<b>Platform material</b>	Coated aluminum alloy
<b>Approx. dimensions</b>	430x360x106 mm
<b>Approx. weight</b>	9,0 Kg

Accessories RSLAB - 14 D - INCLUDED



Platform with 8 rubbers  
Code LJS012

Accessories RSLAB - 14 D - NOT INCLUDED



Bar universal for plat with 4 bars  
Code LJS007



Plate with 4 bars  
Code LJS010



Fixing clip attachment  
Code LJS011

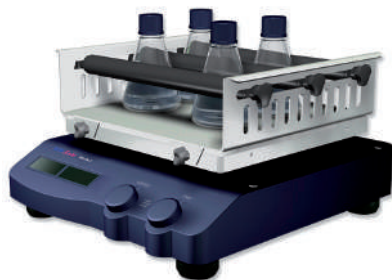


Code	Description
LJS001	Fixation clip for 25 mL Erlenmeyer flasks (the platform can hold 9 clips).
LJS002	Fixation clip for 50 mL Erlenmeyer flasks (the platform can hold 9 clips).
LJS003	Fixation clip for 100 mL Erlenmeyer flasks (the platform can hold 9 clips).
LJS004	Fixation clip for 200/250* mL Erlenmeyer flasks (the platform can hold 4 clips).
LJS005	Fixation clip for 500 mL Erlenmeyer flasks (the platform can hold 2 clips).

\*with 3 fixation points instead of 2

**LJN / LJQ - Orbital / Linear**

▶ Digital, RSLAB-7 D



- 1| LCD screen for simultaneous adjustment and display of speed, time, and operating mode.
- 2| Electronic speed and time adjustment. Includes plate with 3 bars.
- 3| Control from PC via RS232 interface. Long-life brushless motor without electromagnetic interference. Detection and protection system in case of exceeding the maximum speed. Protection class according to DIN EN60529: IP21.

<b>Code</b>	LJN003	LJQ002
<b>Screen</b>	LCD	LCD
<b>Speed range</b>	100-800 rpm	100-350 rpm
<b>Operation type</b>	Orbital	Linear
<b>Orbital movement</b>	4 mm	-
<b>Operation type</b>	Continuous or scheduled	
<b>Maximum stirring weight</b>	2,5 Kg	
<b>Timer</b>	1 - 1199 min	
<b>Approx. dimensions</b>	340x300x100 mm	
<b>Approx. weight</b>	8,1 Kg	

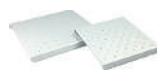


▶ LJN / LJQ - Orbital / Linear

Accessories RSLAB - 7 D - INCLUDED



ACCESSORIES - NOT INCLUDED



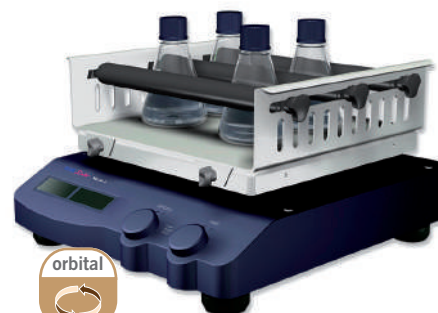
Code	Description
LJS001	Fixation clip for 25 mL Erlenmeyer flasks (the platform can hold 9 clips).
LJS002	Fixation clip for 50 mL Erlenmeyer flasks (the platform can hold 9 clips).
LJS003	Fixation clip for 100 mL Erlenmeyer flasks (the platform can hold 9 clips).
LJS004	Fixation clip for 200/250* mL Erlenmeyer flasks (the platform can hold 4 clips).
LJS005	Fixation clip for 500 mL Erlenmeyer flasks (the platform can hold 2 clips).

\*with 3 fixation points instead of 2

▶ Digital, RSLAB-7 PRO

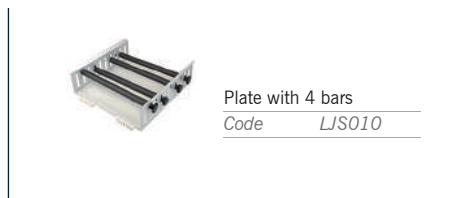


- 1| LCD screen for simultaneous adjustment and display of speed, time, and operating mode.
- 2| Electronic speed and time adjustment.
- 3| Long-life brushless motor without electromagnetic interference.
- 4| Includes plate with 4 bars.
- 5| Detection and protection system in case of exceeding the maximum speed.
- 6| Control from PC via RS232 interface. Protection class according to DIN EN60529: IP21.

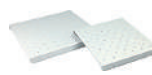


Code	LJN004	LJQ003
Screen	LCD	LCD
Speed range	100-500 rpm	100-350 rpm
Shaking movement	Orbital	Linear
Orbital movement	10 mm	-
Max. shaking weight	7,5 Kg	
Operation type	Continuous or scheduled	
Timer	1 - 1199 min	
Approx. dimensions	420x370x100 mm	
Approx. weight	13,5 Kg	

Accessories RSLAB - 7 PRO - INCLUDED



Accessories RSLAB - 7 PRO - NOT INCLUDED



Code	Description
LJS001	Fixation clip for 25 mL Erlenmeyer flasks (the platform can hold 9 clips).
LJS002	Fixation clip for 50 mL Erlenmeyer flasks (the platform can hold 9 clips).
LJS003	Fixation clip for 100 mL Erlenmeyer flasks (the platform can hold 9 clips).
LJS004	Fixation clip for 200/250* mL Erlenmeyer flasks (the platform can hold 4 clips).
LJS005	Fixation clip for 500 mL Erlenmeyer flasks (the platform can hold 2 clips).

\*with 3 fixation points instead of 2



▶ L JN / L JQ - Orbital / Linear

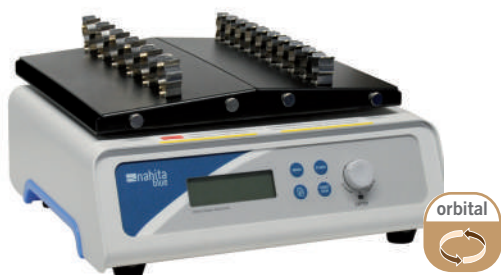
▶ Small size orbital shaker RSLAB-16 D



- 1 | Dual LED screen for independent display of time and speed.
- 2 | Continuous or programmed operation.

<b>Code</b>	LJN005
<b>Speed range</b>	40-200 rpm
<b>Shaking movement</b>	Orbital
<b>Orbital movement</b>	20 mm
<b>Timer</b>	1 min - 99h 59 min
<b>Max. shaking weight</b>	2 Kg
<b>Ambient temperature and humidity</b>	5-40°C, 80%RH
<b>Platform dimensions</b>	268 x 268 mm
<b>Approx. dimensions (WxDxH)</b>	294 x 348 x 123 mm
<b>Approx. weight</b>	3,1Kg

▶ Orbital Shaker Model 695



- 1 | Orbital shaker with 3-inch LCD screen with real-time display of status and parameters. Microprocessor controlled speed and time, swing speed accurate, stable and no noise. Low power consumption, compact structure and strong load capacity.
- 2 | Equipped with power failure recovery function, the instrument can automatically resume operation according to the original set schedule after power recovery.
- 3 | Practical fixing bracket for quick and easy installation of microplates.
- 4 | Maintenance free brushless motor.

<b>Code</b>	LJN006
<b>Speed range</b>	30-300 rpm
<b>Speed accuracy</b>	30-150 rpm: ±2 rpm ; 150-300 rpm: ±5 rpm
<b>Storage</b>	Up to 10 programs
<b>Oscillation type</b>	Circumference, Ø 10 mm
<b>Timer</b>	1s-999 min
<b>Maximum load</b>	4.5 kg
<b>Protection</b>	IP20
<b>Power</b>	60 W
<b>Power supply</b>	AC 100-250 V/ 50-60 Hz
<b>Weight</b>	13 Kg
<b>Dimensions</b>	345x310x185 mm

▶ Orbital shaker AG-200-A



- 1 | Outdoor furniture in ABS with an adaptive platform for the different models.
- 2 | With anti-slip rubber platform of 26 cm width and 22 cm depth, with 3 rubber covered fastening bars that allow to hold all kind of glass containers, Erlenmeyers, flasks, jars, etc.

<b>Code</b>	LJN505
<b>Rotation frequency</b>	50-250 RPM
<b>Timer</b>	1 min to 99h 59 min.
<b>Max. weight of shaking</b>	2,5 Kg
<b>Rotation range</b>	20 mm
<b>Power</b>	50 W
<b>Weight</b>	8 Kg

▶ Orbital shaker AG-200-B



- 1 | Outdoor furniture in ABS with an adaptive platform for the different models.
- 2 | With base in treated aluminium of 27 cm. wide and 22 cm. deep with multiadaptor holes to hold adapters for erlenmeyer flasks, with capacities from 50 mL. to 2000 mL.

<b>Code</b>	LJN506
<b>Rotation frequency</b>	50-250 r.p.m.
<b>Timer</b>	1 min a 99h 59 min.
<b>Max. weight of shaking</b>	2,5 Kg
<b>Rotation range</b>	20 mm
<b>Power</b>	50 W
<b>Weight</b>	8 Kg



## ▶ LLB - Stirring heads

### ▶ Digital, model 687



- 1| Digital model, with LCD screen. Large stirring capacity.
- 2| Plastic housing and stainless steel head.
- 3| Three stirring modes: clockwise rotation, counterclockwise rotation and clockwise/ counterclockwise alternate rotation. Brushless motor. Motor overload protection.
- 4| Supplied with stand and stirring rod.

<b>Code</b>	LLB007
<b>Model</b>	687
<b>Max. stirring capacity (L)</b>	40
<b>Speed range (tr/min)</b>	100-2500
<b>Speed accuracy (tr/min)</b>	± 1
<b>Fonctionnement continu</b>	Yes
<b>Fonctionnement temporisé</b>	Yes
<b>Viscosité maximale (mPas)</b>	15000
<b>Affichage</b>	LCD
<b>Taille de la base du support (mm)</b>	200 x 300
<b>Type de moteur</b>	Moteur sans balais
<b>Alimentation électrique</b>	100-240V, 50/60Hz
<b>Puissance (W)</b>	80
<b>Poids (kg)</b>	7,5



### ACCESSORIES

Stainless steel stirring rod, brand RSLab



Stainless steel crossed stirrer rod\*  
Code LLF002



Stainless steel straight stirrer  
Code LLF003



Stainless steel blade stirrer  
Code LLF004



Stainless steel centrifugal stirrer  
Code LLF005



Universal stand  
Code LLF001

### ACCESSORIES

Stainless steel stirring rod, brand ENDO Plasticware



Code	Description	Length	Diameter
LLF015	Crossed stirrer	380 mm	8 mm
LLF016	Straight stirrer	380 mm	8 mm
LLF017	Blade stirrer	350 mm	8 mm
LLF018	Centrifugal stirrer	250 mm	7 mm
LLF019	Centrifugal stirrer	350 mm	7 mm
LLF020	Centrifugal stirrer	450 mm	7 mm

### ▶ Digital, RSLAB-13



- 1| Anti-spill system of the sample. LLF002 stirring rod included. Universal stand (LLF001) not included

<b>Code</b>	LLB004	LLB006
<b>Model</b>	RSLAB-13-20	RSLAB-13-40
<b>Maximum volume</b>	20 L	40 L
<b>Display</b>	LED	
<b>Speed range</b>	50-2200 rpm	
<b>Max. viscosity</b>	10000 mPas	50000 mPas
<b>Max diameter rod</b>	13 mm	
<b>Approx. dimensions</b>	83x220x186 mm	
<b>Approx. weight</b>	2,6 Kg	2,8 Kg





ACCESSOIRES RSLAB - 13



Stainless steel crossed stirrer rod  
Code LLF002



Stainless steel straight stirrer  
Code LLF003



Stainless steel blade stirrer  
Code LLF004



Stainless steel centrifugal stirrer  
Code LLF005



Universal stand  
Code LLF001



Crossed stirrer PTFE-coated  
Code LLF006



Straight stirrer PTFE-coated  
Code LLF007



Blade stirrer PTFE-coated  
Code LLF008

**LNB - Non refrigerated**

**Shaking incubator**



- 1| Made of ABS plastic, outer casing and base, interior cabinet with type 304 stainless steel sheet and methacrylate lid with opening handle.
- 2| Maintenance free brushless motor.
- 3| Contrast color LCD display with black background and white digits.
- 4| UV lamp for sterilization.
- 5| It has a contact switch, which when opening the lid disconnects the rotation operation of the incubator.
- 6| Includes: 8 adapters for 250mL flasks, which arrive placed on the base (included and assembled).

<b>Code</b>	LNB003
<b>Shaking movement</b>	ø 20 mm
<b>Shaking movement</b>	Cyclotron oscillation
<b>Capacity</b>	16x100 mL / 10x250 mL / 6x500 mL
<b>Chamber volume</b>	50 L
<b>Display</b>	LCD
<b>Speed range</b>	30-300 rpm
<b>Temperature range</b>	RT +5° C a +65° C
<b>Timer</b>	0 - 9999 min
<b>Weight</b>	25 kg
<b>Power</b>	220V/2.5A, 50/60Hz

**Digital shaker for 4 microplates with incubation**



- 1| Made of ABS plastic, with an exterior casing and base, interior cabin with 304 stainless steel sheet, and a methacrylate lid with an opening handle.
- 2| Maintenance-free brushless motor.
- 3| Color LCD screen with black background and white digits.
- 4| UV lamp for sterilization. Equipped with a contact switch that stops the incubator's rotation when the lid is opened.

<b>Code</b>	LNB004
<b>Speed range</b>	200 – 1200 rpm
<b>Temperature range</b>	RT + 3° C a +70° C
<b>Working time</b>	1 min – 99 h 59 min; continuous
<b>Pulse mode</b>	Programmable 30 – 99 seconds
<b>Shaking movement</b>	Orbital, ø 3 mm
<b>Capacity</b>	4 microplates
<b>Max. capacity</b>	4 plates x 348 well x 60 µL
<b>Plataform (LxW)</b>	274 x 188 mm
<b>Dimensions (WxDxH)</b>	365 x 289 x 152 mm
<b>Weight</b>	9.5 Kg
<b>Power</b>	200-240VAC, 1.15 A.
<b>Consumption</b>	276 W
<b>Protection IP</b>	IP21



## NEW PRODUCTS



**nahita**  
blue

### With heating multiplaques

- 1 | Independent digital display for each station, facilitating parameter control and monitoring.
- 2 | Ability to operate in synchronous or asynchronous mode, allowing joint or independent control of each station
- 3 | Adjustable control of temperature, stirring speed, and operation time.
- 4 | Equipped with temperature probe connectors on both sides of the device, individually assigned to each working station
- 5 | Dual temperature control mode with integrated plate probe to measure the heating surface and external probe for immersion in the liquid
- 6 | Overheating protection system activates when the device exceeds 310 °C.

<b>Code</b>	LBD019
<b>Model</b>	670/4
<b>Stations</b>	4
<b>Max. stirring volume</b>	4x2 L (H <sub>2</sub> O)
<b>Motor</b>	Brushless motor
<b>Station material</b>	Stainless Steel ceramic coated
<b>Station dimensions</b>	Ø135 mm
<b>Speed</b>	50-1500 rpm (increments 10 rpm)
<b>Plate temperature</b>	RT-310 °C
<b>Stirring bar size</b>	30 mm
<b>Timing</b>	1min-24 h
<b>Power</b>	1200 W
<b>Voltage</b>	110-220V 50/60 Hz
<b>Dimensions</b>	410x320x92 mm



 YouTube



### Magnetic stirrer with heating, 670/2

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- 1 | Corrosion-resistant ceramic coating for durability and protection against chemicals.
- 2 | Heating plate made of die-cast aluminium, ensuring rapid heating and even heat distribution.
- 3 | Clamp with three holes for attaching probes.

<b>Code</b>	LBD022
<b>Model</b>	670/2
<b>Motor</b>	Brushless motor
<b>Stand</b>	Included
<b>Maximum stirring capacity</b>	2 l (H <sub>2</sub> O)
<b>Speed</b>	200-1500 rpm
<b>Stirring bar size</b>	30 mm
<b>Plate size</b>	Ø 135 mm
<b>Plate temperature</b>	RT-280 °C
<b>Temperature sensor</b>	PT1000
<b>Power</b>	200 W
<b>Voltage</b>	110-220V 50/60 Hz
<b>Dimensions</b>	225x155x90 mm





▶ NEW PRODUCTS



▶ With heating, 660



- 1 | High magnetic strength for effective stirring
- 2 | Independent or synchronized control per station
- 3 | High-visibility LCD screen



<b>Code</b>	LBD020	LBD021
<b>Model</b>	660/4	660/6
<b>Stations</b>	4	6
<b>Max stirring volume</b>	4x500 mL	6x500 mL
<b>Motor</b>	Brushless motor	
<b>Plate material</b>	304 stainless steel	
<b>Plate temperature</b>	RT-120 °C	
<b>Stirring bar size</b>	20-50 mm	
<b>Mixing direction</b>	Right	
<b>Speed</b>	50-1200 rpm	
<b>Timing</b>	1min - 19h - 59min	
<b>Voltage</b>	110-220V 50/60 Hz	
<b>Permissible temp. and humidity</b>	5-40°C / 80% HR	
<b>Dimensions</b>	315x220x65 mm	430x220x65 mm



▶ Multi-position, 4 positions



- 1 | Independent control of heating and stirring in each position.
- 2 | Incorporates a maintenance-free, brushless DC motor that allows precise control of the stirring speed.
- 3 | External temperature probes can be connected.
- 4 | Over-temperature protection.



<b>Code</b>	LBD023
<b>Maximum stirring capacity (H2O)</b>	40 L (10 L x 4)
<b>Plate size</b>	Ø 135 mm
<b>Display</b>	LCD
<b>Speed range</b>	200-1500 rpm
<b>Temperature range</b>	25-340°C
<b>Dimensiones (L x A x H)</b>	698 x 270 x 128 mm
<b>Weight</b>	9,5 Kg



## NEW PRODUCTS



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### ▶ Mini magnetic stirrer 684

- 1 | Control type: Analog, for simple and direct speed adjustment
- 2 | Motor type: Brushless, maintenance-free motor

Code	LBG014
Model	684
Stirring plate diameter	125 mm
Stirring plate material	PVC
Maximum stirring volume	1 L (H <sub>2</sub> O)
Speed	350-1800 rpm
Stir bar size range	20-30 mm
Rotation direction	IP21
Power	5 W
Alimentación	100-240 V 50/60 Hz
Dimensions	138x130x41 mm
Weight	0.20 Kg



### ▶ Multi-position Magnetic Stirrer, 610

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- 1 | High magnetic strength for efficient stirring.
- 2 | Independent or synchronized control of each station, both in terms of speed and operating time.
- 3 | High-visibility LCD display.

Code	LBJ003	LBJ004
Model	610/9	610/15
Number of stations	9	15
Working plate material	PET anticorrosion plate	
Max stirring volume	9x500 mL	15x250 mL
Motor	Brushless motor	
Mixing direction	Counterclockwise direction	
RPM	50-1500 rpm	
Stirring bar size	30 mm	
Display	LCD	
Timing	1min-23h59min	
Power supply	100-240V 50/60 Hz	
Dimensions	435x330x85 mm	576x330x63 mm



### ▶ Vortex model 740

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- 1 | **Compact size:** small design, easy to handle
- 2 | **Control type:** Pressure operation (touch) for simple use
- 3 | **Maximum agitation capacity:** 50 ml
- 4 | **Motor type:** Brushless, maintenance-free motor
- 5 | The Nahita-Blue 740 vortex mixer is compact and efficient, ideal for basic laboratory applications. Designed to provide uniform and reliable agitation in volumes of up to 50 ml, this device is suitable for tasks in various fields.

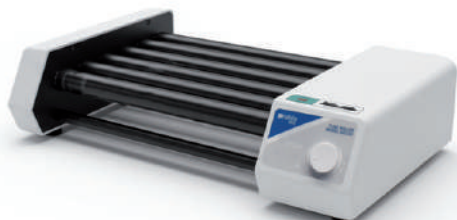
Code	LGB009
Model	Model 740
Control	Constant speed
Base material	Zinc alloy
Orbital diameter	4.5 mm
Maximum agitation volume	50 ml
Speed	3000 rpm
Protection level	IP42
Power	12 W
Power supply	100-240 V 50/60 Hz
Dimensions	93x93x72 mm
Weight	0.40 Kg





▶ NEW PRODUCTS

▶ Model 683/20



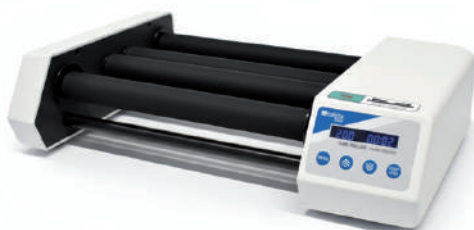
▶ YouTube



- 1 | High-precision rollers made of silica gel ensure smooth and uniform operation.
- 2 | Optimised internal structure with exclusive anti-blocking design for quieter and more stable performance, minimising the risk of blockages or failures during use.

<b>Code</b>	LJD003
<b>Type</b>	Rotary agitation
<b>Rollers</b>	6
<b>Containers</b>	Tubes
<b>Maximum capacity</b>	10x50 ml (0.5 kg)
<b>Permitted container dimensions</b>	Ø 6-34 mm
<b>Control mode</b>	Knob
<b>Motor</b>	Brush motor
<b>Speed</b>	20-80 rpm
<b>Power</b>	25 W
<b>Voltage</b>	100-220V 50/60 Hz
<b>Dimensions</b>	440x255x105 mm

▶ Model 683/30



▶ YouTube



- 1 | High-precision rollers made of silica gel ensure smooth and uniform operation.
- 2 | Optimised internal structure with exclusive anti-blocking design for quieter and more stable performance, minimising the risk of blockages or failures during use.

<b>Code</b>	LJD004
<b>Type</b>	Horizontal agitation
<b>Rollers</b>	4
<b>Containers</b>	Reagent bottles (Ø 45/100 mm)
<b>Max. capacity</b>	2x1 L (2kg)
<b>Control mode</b>	Digital
<b>Motor</b>	Brushless
<b>Speed</b>	20-80 rpm
<b>Time</b>	1 min-23h 59min
<b>Power</b>	25 W
<b>Voltage</b>	100-220V 50/60 Hz
<b>Dimensions</b>	440x255x105 mm

▶ Analogical multiposition, 800



▶ YouTube



- 1 | Rotisserie-type models are equipped with a combined module that allows various configurations depending on the type and size of the tubes.
- 2 | Disc-type models include three different types of clamps to facilitate multiple combinations and adapt to different types and sizes of tubes.

<b>Code</b>	LJG005	LJG007
<b>Model</b>	800/1	800/2
<b>Type</b>	Disc	Rotisserie
<b>Motor</b>	Brush motor	
<b>Agitation</b>	Rotary agitation	
<b>Speed</b>	20-80 rpm	
<b>Angle</b>	40°-80°	-
<b>Capacity(mL)</b>	8x50 - 16x15 - 24x1.5/2	4x50 - 10x15 - 8x1.5/2
<b>Power</b>	20 W	
<b>Voltage</b>	100-220V 50/60 Hz	
<b>Dimensions</b>	230x180x265 mm	425x100x125 mm



## NEW PRODUCTS



### Digital multiposición, 810

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- 1 | Ergonomic design, providing greater comfort during prolonged use in the laboratory.
- 2 | Rotisserie-type models are equipped with a combined module that allows various configurations depending on the type and size of the tubes
- 3 | Disc-type models include three different types of clamps to facilitate multiple combinations and adapt to different types and sizes of tubes
- 4 | Disc-type models offer the possibility to adjust the inclination angle



YouTube



<b>Code</b>	LJG006	LJG008
<b>Type</b>	Disc	Rotisserie
<b>Motor</b>	Brushless	
<b>Agitation</b>	Rotary agitation	
<b>RPM</b>	20-80 rpm	
<b>Timing</b>	1min-23h 59min	
<b>Angle</b>	40°-80°	-
<b>Capacity (mL)</b>	8x50 - 16x15 - 24x1.5/2	4x50 - 10x15 - 8x1.5/2
<b>Power</b>	20 W	
<b>Voltage</b>	100-220V 50/60 Hz	
<b>Dimensions</b>	230x180x265 mm	425x100x125 mm

### Refrigerated shaking incubator, model 651

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- 1 | Metal casing, rubber feet and methacrylate front door with handle for opening.
- 2 | Mirror-polished stainless steel chamber (SUS304).
- 3 | Brushless motor, maintenance-free.
- 4 | Forced air system using fans.
- 5 | The circulating air can be disinfected using a UV lamp, ensuring a clean experimental environment.
- 6 | Automatic change of rotation direction.
- 7 | Safety features: over-temperature alarm, door control, key lock, protection against sudden power failure.
- 8 | Condensate drainage in the cooling unit (collection tray included).
- 9 | Supplied with 10 adapters for 250 mL flasks.

<b>Code</b>	LND004
<b>Stirring mode</b>	Cyclotron oscillation
<b>Amplitude</b>	Ø 26 mm
<b>Speed range</b>	30-400 rpm (increment of rpm)
<b>Temperature range</b>	4-65°C (increment of 0,1°C)
<b>Temperature uniformity</b>	±1°C
<b>Temperature probe</b>	PT100 (intelligent PID control)
<b>Timer</b>	1-9999 min / 1-9999 h
<b>Display</b>	LCD, with black background and white characters
<b>Chamber dimensions (LxWxH)</b>	500x330x257 mm
<b>Maximum capacity</b>	15x250 mL / 8x500 mL / 6x1000 mL
<b>Shelf size</b>	450x280 mm
<b>Maximum load supported by the shelf</b>	15 kg
<b>Power supply</b>	220VAC, 50/60Hz
<b>Power</b>	840 W
<b>Equipment dimensions (LxWxH)</b>	670x585x500 mm
<b>Weight</b>	52 kg





## NEW PRODUCTS



▶ Digital, model 688



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- 1 | H-shaped support frame for enhanced stability and durability.
- 2 | Digital display with intuitive buttons for easy adjustment of speed and time.

<b>Code</b>	LLB008
<b>Speed range</b>	100-1200 rpm ( $\pm$ 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