



1| The Nahita Blue digital shakers for microplates have been designed to offer a smooth agitation by means of an orbital movement providing an effective mixing of each microplate well. The system of fixing the microplates by means of a central rubber ring ensures easy placement and removal of the plates without effort.  
2| The capacity to hold 4 microplates allow mixing the plates for a great

variety of applications: ELISA, PCR, cellular cultures, etc; under cooling or heating conditions (working temperature from +4° C to + 40° C).  
3| If is required a more precise temperature control, we have available the multiplate shaker with incubation that allow us to regulate the temperature from room temperature to +70° C with a precision and temperature stability of  $\pm 5^\circ \text{C}$ .

## Features

- 1| Brushless DC motor maintenance free
- 2| Variable shaking speed and time
- 3| Efficient control by microprocessor
- 4| Pulse mode function to a more effective mixing.
- 5| Función modo pulsos para una mezcla más efectiva.
- 6| Clockwise and counterclockwise motion consecutively.
- 7| Variable incubation temperature (LNB004)
- 8| Able to temperature calibration (LNB004)
- 9| Wide digital display.
- 10| Easy to fit and remove the microplates by a central rubber ring
- 11| Stable and robust platform.

## Especificaciones



CODE: LGD002



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Code	LGD002	LNB004
Agitation speed	200 – 1200 rpm	
Temperature range	-	RT + 3° C to +70° C
Temperature accuracy	-	$\pm 0.5^\circ \text{C}$
Temperature stability	-	$\pm 0.5^\circ \text{C}$
Run time	1 – 999 minutos; continuous	1 min – 99 h 59 min; continuous
Pulse mode	Programable 30 – 99 seconds	
Motion type	Orbital, $\varnothing 3 \text{ mm}$	
Capacity	4 microplates	
Maximum load capacity	4 plates x 348 well x 60 $\mu\text{L}$	
Working temperature	+ 4° C to + 40° C	
Relative humidity	80 %	
Platform (L x W)	274 x 188 mm	
Dimensions (W x D x H)	393 x 267 x 105 mm	365 x 289 x 152 mm
Weight	5.4 Kg	9.5 Kg
Power	100/240 V; 50/60 Hz	200-240VAC, 1.15 A.
Input	24 V	
Consumption	16 W	276 W
IP protection	IP21	