

**Lot 117, Agitator de laborator (orbital)****Model propus: PSU-10i, Orbital Multi Shaker cu UP-12, Universal platform, Biosan, Letonia**

Parametri solicitati	Parametri oferiti
<p>Agitator de laborator (orbital) Cod 250400 Descriere Pentru agitarea probelor în condiții ambientale: pe masa de laborator, într-un incubator, într-o cameră climatică. Folosit în laboratoarele din domeniul biofarmaceutic și biomedical. Parametru Specificația Mișcarea Orbitală Afișarea Digital Diametru al oscilării orbitale <math>\geq 3-10</math> mm Control digital Viteză reglabilă 10 - 500 rpm, <math>\pm 1</math>rpm Incrementarea vitezei 10 rpm Alimentarea 220-240V, 50Hz Adaptor suplimentar necesar pentru plăci și tuburi obligatoriu Temporizator funcționare continuă funcționare temporizată de la 1min -99 ore Rezistent la prelucrarea chimică obligatoriu Platforme substituibile obligatoriu Utilizabile în incubator obligatoriu Variația de temperatură +5...40°C</p>	<p>Agitator de laborator (orbital) Cod 250400 Descriere Pentru agitarea probelor în condiții ambientale: pe masa de laborator, într-un incubator, într-o cameră climatică. Folosit în laboratoarele din domeniul biofarmaceutic și biomedical. Parametru Specificația Mișcarea Orbitală Afișarea Digital Diametru al oscilării orbitale 10 mm Control digital Viteză reglabilă 50 - 450 rpm, Incrementarea vitezei 10 rpm Alimentarea 220-240V, 50Hz Adaptor suplimentar necesar pentru plăci și tuburi obligatoriu Temporizator funcționare continuă funcționare temporizată de la 1 min-96 hrs / non-stop (increment 1 min) Rezistent la prelucrarea chimică obligatoriu Platforme substituibile obligatoriu Utilizabile în incubator obligatoriu Variația de temperatură - NU</p>

# PSU-10i, Orbital Shaker

## DESCRIPTION

Shaker **PSU-10i** provides regulated orbital motion of the platform and is designed for use both in small specialized biotechnological laboratories and in large multidisciplinary laboratories: a choice of five (5) interchangeable platforms provides the possibility of performing various procedures and techniques.

Shaker **PSU-10i** incorporates a direct drive system, a brushless motor with a guaranteed service life up to 35,000 hours and an automatic loading balancing system. These innovations allow for continuous mixing up to 7 days, ensure reliable, trouble-free operation for more than 2 years and significantly expand the range of the device performance in both high and low limits.

Shaker can be used in cold rooms or incubators, operating at ambient temperature range +4°C to +40°C.



## SPECIFICATIONS

Speed control range	50 - 450* RPM (increment 10 rpm) *max. speed depends on the load and vessels' shape
Digital time setting	1 min–96 hrs / non–stop (increment 1 min)
Timer sound signal	+
Digital speed control	+
Maximum continuous operation time	168 h
Orbit	10 mm
Maximum load	3 kg
Overall dimensions (W×D×H)	255x255x100 mm
Weight	3.4 kg
Input current/power consumption	12 V, 470 mA / 5.7 W
External power supply	Input AC 100–240 V; 50/60 Hz; Output DC 12 V

## CAT. NUMBER

Without platform	Without platform
BS-010144-AAN	230VAC 50/60Hz Euro plug
BS-010144-AAK	100-240VAC 50/60Hz Multi plug (EU, UK, AU, US)
BS-010144-AK	IQ OQ document
BS-010144-BK	PQ document

## ACCESSORIES



**UP-12**  
BS-010108-AK  
platform

Universal platform with adjustable bars for different types of flasks, bottles, and beakers with silicone mat.



**Bio PP-4**  
BS-010116-AK  
platform

Flat platform with non-slip silicone mat for Petri dishes, culture flasks, agglutination.



**P-12/100**  
BS-010108-EK  
platform

Platform with clamps for flasks.



**P-6/250**  
BS-010108-DK  
platform

Platform with clamps for flasks.



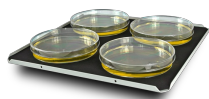
**P-16/88**  
BS-010116-BK  
platform

Platform with spring holders for up to 88 tubes up to 30 mm diameter (e. g. 10 ml, 15 ml, 50 ml tubes).



**HB-200**  
BS-010108-FK

Additional holding bar for UP-12



**PP-4**  
BS-010108-BK  
platform

Flat platform with non-slip silicone mat for Petri dishes, culture flasks, agglutination cards.



**SPM**  
BS-010111-BK  
double-sided adhesive mat

Double-sided adhesive mat. **SPM** is compatible with **PP-4** platform, that fits both on **PSU-10i** orbital shaker and in **ES-20** Shaker-Incubator.

# EU Declaration of Conformity

**Unit type** Rockers, shakers, rotators, vortexes

**Models** **MR-1, MR-12;**  
**3D, Multi Bio 3D, PSU-10i, PSU-20i, MPS-1, PSU-2T;**  
**Bio RS-24, Multi Bio RS-24, Multi RS-60;**  
**V-1 plus, V-32, MSV-3500**

**Serial number** 14 digits styled XXXXXYYMMZZZZ, where XXXXXX is model code, YY and MM – year and month of production, ZZZZ – unit number.

**Manufacturer** SIA BIOSAN  
Latvia, LV-1067, Riga, Ratsupites str. 7/2

**The objects of the declaration described above is in conformity with the following relevant Union harmonization legislations:**

<b>LVD 2014/35/EU</b>	<b>LVS EN 61010-1:2011</b> Safety requirements for electrical equipment for measurement, control, and laboratory use. General requirements. <b>LVS EN 61010-2-051:2015</b> Particular requirements for laboratory equipment for mixing and stirring.
<b>EMC 2014/30/EU</b>	<b>LVS EN 61326-1:2013</b> Electrical equipment for measurement, control and laboratory use. EMC requirements. General requirements.
<b>RoHS3 2015/863/EU</b>	Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment.
<b>WEEE 2012/19/EU</b>	Directive on waste electrical and electronic equipment.

**I declare that the Declaration of Conformity is issued under sole responsibility of the manufacturer and belongs to the above-mentioned objects of the declaration.**

Svetlana Bankovska  
Managing director



\_\_\_\_\_  
Signature

07.02.2020.  
\_\_\_\_\_  
Date