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PSU-10i, PSU-20i

Orbital shaker



Instructions for use

If you have any feedback on our products or services, we would like to hear from you.
Please send all feedback to:

Manufacturer:

SIA Biosan
Ratsupites 7 k-2, Riga, LV-1067, Latvia

Phone: +371 674 261 37



<https://biosan.lv>

Marketing e-mail: sales@biosan.lv

Support e-mail: support@biosan.lv

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1. About this edition of instructions for use

1.1. The current edition of the instructions for use (IFU) applies to the following models:

Model and name	Version
PSU-10i, orbital shaker	V.6AW
PSU-20i, multi-functional orbital shaker	V.1AW

1.1.1. Revision number: 1.-6.01.

1.1.2. Release date: April of 2026.

1.2. Symbols used in this IFU:



Caution! Please pay special attention to sections marked by this symbol.

2. Safety precautions

2.1. General warnings:



Caution! Make sure you have fully read and understood the present instructions before using the equipment.

2.2. Icons used on the unit and packaging:

	CE marking, manufacturer affirms conformity with European health, safety, and environmental protection standards, see 13.1
	WEEE directive marking, see 13.1
	Polarity of the power connector
	Equipment uses direct current

2.3. General safety

- Protection offered by this unit can be insufficient if the unit is not used as intended by the manufacturer.
- Save the unit from shocks or falling.
- Store and transport the unit as described in section **Storage and transportation**.
- Before using any cleaning or decontamination methods except those recommended by the manufacturer, check with the manufacturer that the proposed method will not damage the equipment.
- Do not make modifications in design of the unit.

2.4. Electrical safety

- Connect only to external power supply with voltage corresponding to that on the serial number label.
- Use only the external power supply provided with this product.
- Ensure that the external power supply is easily accessible during use.
- Disconnect the unit from the mains before moving.
- Turn off the unit by disconnecting the external power supply from the power socket.
- If liquid penetrates into the unit, disconnect it from the power socket and have it checked by a repair and maintenance technician.
- Do not operate the unit in premises where condensation can form. Operating conditions of the unit are defined in section **Specifications**.

2.5. During operation

- Do not impede the platform motion.
- Do not operate the unit in environments with aggressive or explosive chemical mixtures. Please contact manufacturer for possible operation of the unit in specific atmospheres.
- Do not operate the unit if it is faulty or has been installed incorrectly.
- Do not use outside laboratory rooms.
- Do not place a load exceeding the maximum load value mentioned in section **8.5**.

2.6. Biological safety

- It is the user's responsibility to carry out appropriate decontamination if hazardous material is spilt on or penetrates into the equipment.

3. General Information

Orbital shakers **PSU-10i** and **PSU-20i** are benchtop multifunctional shaking units.

Shakers are designed with direct drive brushless motor, with warranted service life of 35000 hours. Units are reliable in operation and provide stable non-stop shaking for 7 days. Shakers are equipped with a liquid crystal display that shows set and current time and speed values. Variety of platforms, wide speed range and high maximum load (3 kg for **PSU-10i** model, 8 kg for **PSU-20i** model) expand the possibilities of application of orbital shakers in different laboratories.

PSU-20i model provides three types of motion, which can be performed individually, in pairs or set in a repeated cycle.

Orbital rotational motion. Simple orbital motion with an option of shifting direction (clockwise/anti-clockwise) after set time. Adjustable speed from 20 to 250 rpm (increment 5 rpm). Time setting range 0 - 250 s or non-stop.



Reciprocal motion. Orbital rotation with changing direction of rotation. Adjustable amplitude (from 0° to 360°, increment 30°) sets the limits for this type of motion. The speed is the same as set for rotational motion (from 20 to 250 rpm). Time setting range 0 - 250 s or non-stop.



Vibro motion. Intensive mixing of samples at high speed with small amplitude - Vibro motion. Adjustable amplitude (from 0° to 5°, increment 1°) sets the limits for this type of motion. Time setting range 0 - 5 s or non-stop.



Reciprocating and Vibration motion types can be replaced with a pause.

All 3 motions are combined into a cycle (fig. 1) and can be used:

- separately;
- in combinations of two types;
- all three in one cycle.

By combining different types of rotational motion, the researcher gets unlimited options for mixing parameters. The countdown timer is used to control the operation time, with the period from 1 min to 96 hours.

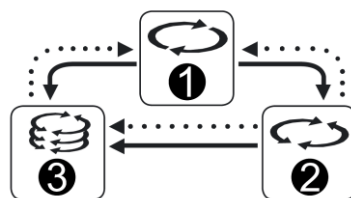


Figure 1. Innovative mixing cycle

Orbital shakers are specially designed for gentle and intensive mixing of biological and chemical compounds in a laboratory. The instrument applicable for:

Biotechnology and microbiology	For growing microorganisms and extracting biologically active material
Immunology and biochemistry	For agglutination reactions and precipitation
Molecular and cell biology	For washing of electrophoresis gels and blots
Biopharmacy and biomedicine	For cultivation and synthesis of new biological compounds

4. Getting started

4.1. **Unpacking.** Remove packing materials carefully and retain them for future shipment or storage of the unit. Examine the unit carefully for any damage incurred during transit. The warranty does not cover in-transit damage. Warranty covers only the units transported in the original package.

4.2. **Complete set.** Package contents:

4.2.1. PSU-10i

- **PSU-10i**, Orbital Shaker 1 piece
- External power supply 1 piece
- Instructions for use, declaration of conformity 1 copy
- UP-12 platform on request
- Additional HB-200 holding bar for UP-12 platform on request
- Bio PP-4 platform on request
- P-12/100 platform on request
- P-6/250 platform on request
- PP-4 platform..... on request
- SPM adhesive mat..... on request
- P-16/88 platform on request



UP-12



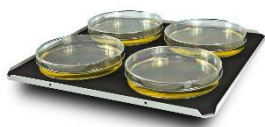
Bio PP-4



P-12/100



P-6/250



PP-4



SPM



P-16/88

4.2.2. PSU-20i

- **PSU-20i** Programmable Orbital Shaker 1 piece
- External power supply 1 piece
- Power cord 1 piece
- Four screws and a wrench..... 1 set
- Instructions for use, declaration of conformity 1 copy
- UP-330 platform on request
- Additional HB-330 holding bar for UP-330 platform on request
- P-30/100 platform on request
- P-16/250 platform on request
- P-9/500 platform on request
- P-6/1000 platform on request
- UP-168 universal platform on request
- FC-50, FC-100, FC-250, FC-500, FC-1000, FC-2000 clamps for UP-168 on request
- TR-44/15 and TR-21/50 adjustable angle test tube racks for UP-168 on request
- SPML adhesive strips for UP-168..... on request
- PP-20 flat one-level platform on request
- PP-20-2 two-level platform on request
- PP-20-3 three-level platform on request
- PP-20-4 four-level platform on request



UP-330



P-30/100



P-16/250



P-9/500



P-6/1000



UP-168



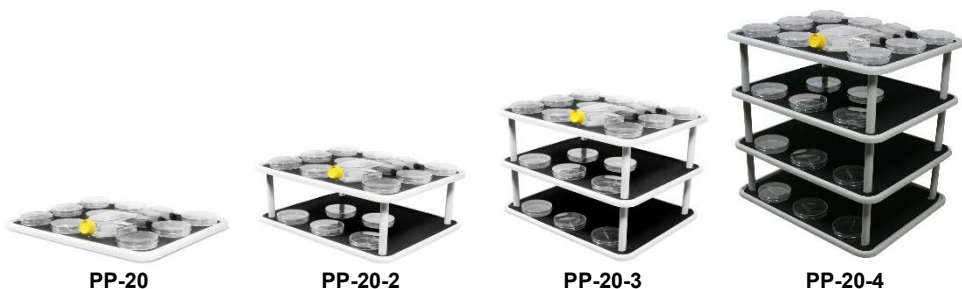
TR-44/15



TR-21/50



SPML



4.3. **Setup.** Place the unit on the horizontal even working surface. Remove protective film from the display. Plug the external power supply into the 12 V socket at the rear side of the unit and position the unit so that the plug is easily accessible. For **PSU-20i**, connect the power cable to external power supply.

4.4. Platform installation.

4.4.1. Model **PSU-10i**. Install the platform to the moving base. Fit the pins on the underside of the platform into the holes on the moving base.

4.4.2. Model **PSU-20i**. Remove the mat from the platform if present. Secure the platform on the moving base with four included screws. Replace the mat.

4.4.3. To assemble and install the optional multilevel platform **PP-20**, follow the instruction supplied with the platform.

4.4.4. Different clamps can be installed on the optional platform **UP-168**. For the maximum number of allowed clamps, see **8.6**.

4.4.5. **SPM** mat for **PP-4** on **PSU-10i** and **SPML** strips for **UP-168** on **PSU-20i**.

- Lift the silicon mat (**PP-4**) or remove any obstructing clamps or racks (**UP-168**).
- Degrease, clear, and dry the platform as described in **10.2.1**.
- Remove protective plastic sheet from one side of the mat/strip and place it on the platform. For **UP-168**, place up to three **SPML** strips symmetrically, in parallel to the longer edge.
- Remove the remaining protective sheet. Keep both sheets!



Note. Consult the manual enclosed with the **SPM/SPML** for recommendations on sample vessel choice, and for maintenance beyond stated in **10.2.2**

5. Operation – working with model PSU-10i

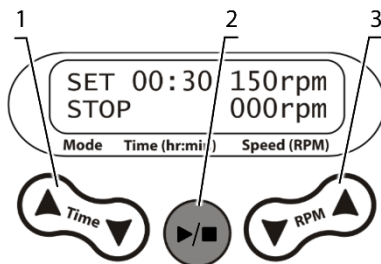


Figure 2. Control panel of PSU-10i

5.1. Connect the external power supply to the mains. Switch the power switch on the rear side of the unit into position **I** (on).

5.2. Place samples on the unit platform.

5.3. Set the required working time interval in hours and minutes (the increment is 1 min) using the ▼ and ▲ **Time** keys (fig. 2/1). Pressing the key for more than 2 s will increase the increment.

5.4. Set the required shaking speed (the increment is 10 rpm) using the ▼ and ▲ **RPM** keys (fig. 2/3). Pressing the key for more than 2 s will increase the increment. The set speed is displayed in the upper line of the display.

5.5. Press the ▶/■ key (fig. 2/2). The platform starts rotation, indication **RUN** appears on display and the timer in the lower line of the display starts counting the time interval.

5.6. After the timer reaches the set time, the platform motion will stop and the flashing indication **STOP**, accompanied by the repetitive sound signal, will appear in the lower line of the display. Press the ▶/■ key to shut down the signal.

5.7. If the working time is not set (or is reset) and the Time indicator on display shows **OFF**, pressing the ▶/■ key will start continuous operation of the unit until the ▶/■ key is pressed.

5.8. The platform motion can be stopped at any time by pressing the ▶/■ key. In this case, the program realization and the platform motion will stop, and the unit will switch into the **STOP** mode.

5.9. After finishing the operation, switch the power switch on the rear side of the unit into position **O** (off) and disconnect the external power supply from the mains.

6. Operation – working with model PSU-20i

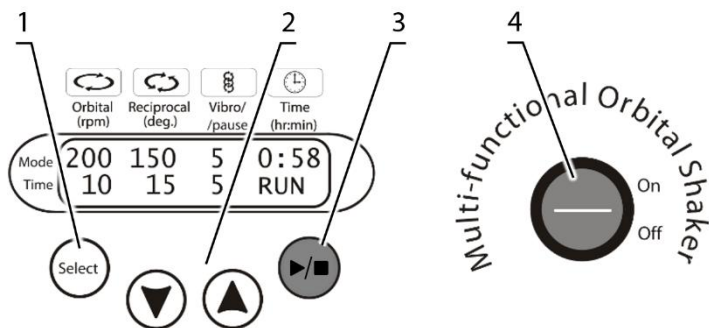


Figure 3. Control panel of PSU-20i

- 6.1. Connect the external power supply to the mains and switch on the **Power** switch (fig. 3/4).
- 6.2. Place samples on the unit platform.
- 6.3. Set the appropriate program and operation time (see section **Program Setting**) according to the methodical prescriptions.
- 6.4. Press the ►/■ key (fig. 3/3) to start the program. The platform motion starts, the indication RUN, and the changing time values are shown on the display.
- 6.5. If the operation time is set, the unit stops after the set time interval expires. Flashing indication STOP appears on the display, and an audible signal starts, indicating the end of operation. Press the ►/■ key to stop the signal.
- 6.6. If the operation time is not set and the timer indicator shows OFF, pressing the ►/■ key causes the unit to operate continuously until the ►/■ key is pressed again.
- 6.7. The rotator can be stopped at any time during operation before the set time expires, if necessary, by pressing the ►/■ key.
- 6.8. Press the ►/■ key to repeat the set program.
- 6.9. At the end of operation switch off the unit using the **Power** switch and unplug the external power supply from the mains.

7. Program setting



Note. This section is only for model **PSU-20i**.

7.1. The program consists of cycles. Each cycle includes up to three different types of platform motion (Orbital, Reciprocal and Vibro) set one after another with the duration from 0 to 250 seconds for Orbital and Reciprocal motion types and from 0 to 5 seconds for Vibrating motion.

7.2. Set the speed, amplitude, time for each motion type and the overall operation time.

7.3. To do so, press the **Select** key (fig. 3/1) to choose the parameter to change. Each pressing of the **Select** key consecutively activates the parameters. The active parameter is flashing. Use the **▼** and **▲** keys (fig. 3/2) to set the necessary value. Pressing the key for more than 2 s increases the speed of value change.

7.4. Saving the program does not require additional operations, because the microprocessor saves the last parameter changes as the working program automatically.

7.5. If the time for a motion is set to 0 s (indication OFF), this type of motion will be skipped in the cycle.

7.6. It is possible to set a pause instead of Reciprocal (0–250 s) or Vibro (0–5 s) motion. For a pause, set the amplitude of Reciprocal or Vibro motion to zero and set the time for this motion, which will be the time of pause duration. During the operation, the platform will not move in this mode, but the time will be counted down.

7.7. The timer is used to control the overall operation time. The timer can be set for the period from 1 min to 96 hours (timer increment 1 min)



Note. The set time cannot be changed during operation.

7.8. Table below shows different cycle variants:

Nr.	Orbital	Reciprocal	Vibro
1	On	On	On
2	On	Off	On
3	On	Pause	On
4	On	Off	Off
5	On	Pause	Off
6	On	Off	Pause
7	On	Pause	Pause

Nr.	Orbital	Reciprocal	Vibro
8	On	On	Off
9	On	On	Pause
10	Off	On	On
11	Off	Pause	On
12	Off	On	Pause
13	Off	Off	On
14	Off	Off	Off

7.9. Further examples illustrate program setting for four different cycle variants.

7.9.1. **Orbital motion.** Set the speed (fig. 4/A, 20–250 rpm) and time (fig. 4/B, 1–250 s) of Orbital motion. Turn off Reciprocal motion (fig. 4/C) by setting time of the cycle to zero (OFF). Turn off Vibro motion (fig. 4/D) by setting time of the cycle to zero (OFF).

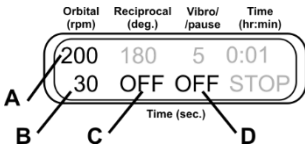


Figure 4.

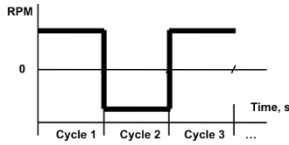


Figure 5.

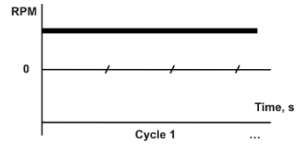


Figure 6.



Note.

The unit is programmed to change the rotation direction each time when a motion timer is started, i.e., if the Orbital motion time is set to 30 s, then the direction of orbital rotation will be changed every 30 s (fig. 5).

If the Orbital motion time is set to 0 s, shaker will perform simple orbital rotation in one direction (fig. 6). In this mode, Reciprocal and Vibro motion cannot be added to the cycle.

7.9.2. **Orbital + Reciprocal + Vibro motion.** Set the speed (fig. 7/A, 20–250 rpm) and time (fig. 7/D, 1–250 s) of Orbital motion. Set the amplitude (fig. 7/B, 0–360°) and time (fig. 7/E, 1–250 s) for Reciprocal motion. It is performed at the same speed as the Orbital motion (fig. 8). Set the amplitude (fig. 7/C, 0–5°) and time (fig. 7/F, 1–5 s) for Vibro motion.

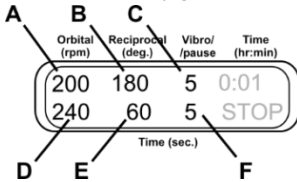


Figure 7.

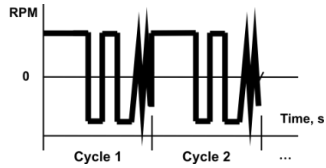


Figure 8.

7.9.3. **Orbital + Reciprocal + Pause.** Set the speed (fig. 9/A, 20–250 rpm) and time (fig. 9/D, 1–250 s) of Orbital motion. Set the amplitude (fig. 9/B, 0–360°) and time (fig. 9/E, 1–250 s) for Reciprocal motion. It is performed at the same speed as the Orbital motion. Set the amplitude (fig. 9/C) of Vibro motion to zero. Set the time for Vibro motion (fig. 9/F, 1–5 s), this is the time of pause duration (fig. 10).

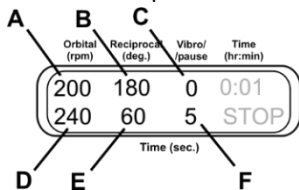


Figure 9.

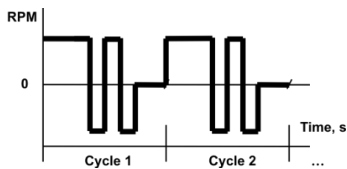


Figure 10.

7.9.4. **Vibration + Pause.** Turn off Orbital motion by setting time of Orbital motion below zero (fig. 11/D, OFF). Set the amplitude of Reciprocal motion (fig. 11/B) to zero. Set the time for Reciprocal motion (fig. 11/E, 1–250 s), this is the time of pause duration. Set the amplitude (fig. 11/C, 0–5°) and time (fig. 11/F, 1–5 s) for Vibro motion. See figure 12 for process visualization.

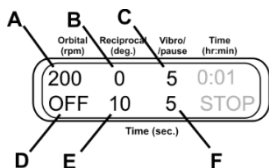


Figure 11.

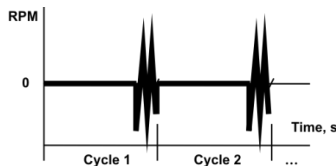


Figure 12.

8. Specifications

8.1. Biosan is committed to a continuous programme of improvement and reserves the right to alter design and specifications of the equipment without additional notice.

8.2. Rotation specifications

8.2.1. Model **PSU-10i**

Speed control range	20–500 RPM
Increment	10 RPM

8.2.2. Model **PSU-20i**

Orbital rotation	Speed control range	20–250 RPM
	Increment	5 RPM
	Time setting range	0–250 s per cycle
Reciprocal motion	Amplitude range	0–360°
	Increment	30°
	Time setting range	0–250 s per cycle
Vibro motion	Amplitude range	0–5°
	Increment	1°
	Time setting range	0–5 s per cycle

8.3. General specifications

Model	PSU-10i	PSU-20i
Digital time setting	1 min – 96 h or non-stop	
Increment	1 minute	
Maximum continuous operation time	168 hours	




Note. Recommended interval between operation sessions not less than 8 hours.

Orbit	10 mm	20 mm
Maximum load on the platform (see 8.5)	3 kg	8 kg
Device dimensions w/o platforms, WxDxH	255x255x100 mm	410x410x130 mm
Operating voltage	12 V=	
Operating current	470 mA	3.2 A
Power consumption	5.7 W	40 W
External power supply	input 100–240 V~, 50–60 Hz, output 12 V=	
Weight, accurate within ±10%	4.7 kg	11.7 kg

8.4. Workroom requirements.

Workroom description	Cold rooms, incubators (except CO ₂ incubators) and closed laboratory rooms
Temperature range	+4 °C ... +40 °C
Humidity requirements	Maximum of 80% RH at 31 °C, decreasing linearly to 50% RH at 40 °C. Non-condensing atmosphere.
Operating height, maximum	2000 m ASL
Overvoltage category	I
Pollution degree	2

8.5. **Load on a platform.** The charts on figures 13 and 14 below define the envelope of permissible combinations of platform load and rotation speed. Adjust your load and speed to fit in the envelope!

Caution! For PSU-10i on figure 13, the operation within the -marked area is not recommended. At minimum speed and high load, the shaking is uneven; at high speed and load – samples are not secured on the platform.

PSU-10i operating envelope, load and speed

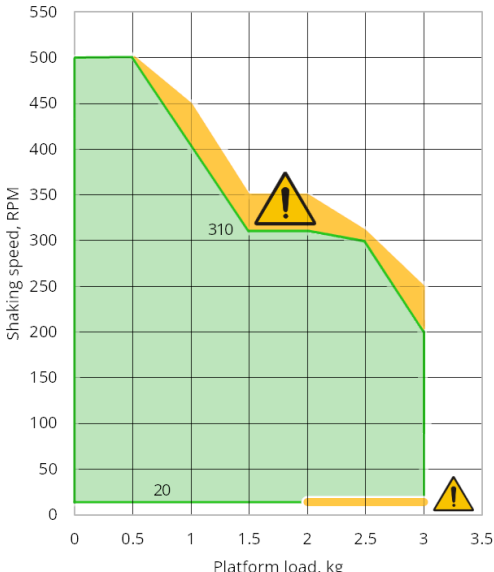


Figure 13. PSU-10i

PSU-20i operating envelope, load and speed

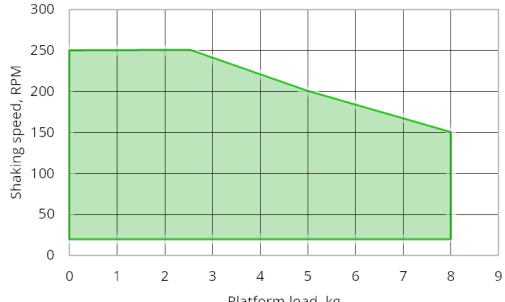


Figure 14. PSU-20i

8.6. Maximum number of clamps on UP-168 platform for PSU-20i

Clamp / rack	Count
FC-50	42
FC-100	20
FC-250	14
FC-500	12

Clamp / rack	Count
FC-1000	8
FC-2000	4
SPML	3
TR44-15, TR21-50	2

9. Ordering information

9.1. Models and versions available

Model	Version	Power supply plug	Catalogue number
PSU-10i, orbital shaker	V.6AW	Europlug (EU; types C/E/F/K)	BS-010144-AAN
		Multiplug (US, UK, AU; types B/G/I)	BS-010144-AAK
PSU-20i, multi-functional orbital shaker	V.1AW	EU (type E/F/K)	BS-010145-ACI
		UK (type G)	BS-010145-ACQ
		AU (type I)	BS-010145-AC4
		US (type B)	BS-010145-ACJ

9.2. To inquire about or order the optional accessories or the replacement parts, contact Biosan or your local Biosan representative.

9.2.1. Optional accessories for PSU-10i:

Description	Catalogue number
UP-12, universal platform with bars and non-slip rubber mat (285x215 mm)	BS-010108-AK
Bio PP-4, flat platform with non-slip silicone mat (255x255 mm, work area 230x230 mm)	BS-010116-AK
HB-200, additional holding bar for UP-12	BS-010108-FK
PP-4, flat platform with non-slip silicone mat (work area 215x215 mm)	BS-010108-BK
SPM, double-sided adhesive mat for PP-4	BS-010111-BK
P-12/100, platform with 12 clamps for 100 ml flasks (250x190 mm)	BS-010108-EK
P-6/250, platform with 6 clamps for 250 ml flasks (250x190 mm)	BS-010108-DK
P-16/88, platform with spring holder for 88 of 10 to 50 ml tubes	BS-010116-BK

9.2.2. Optional accessories for PSU-20i:

Description	Catalogue number
UP-330, universal platform (345x430x105 mm)	BS-010145-AK
HB-330, additional holding bar for UP-330	BS-010145-BK
P-30/100, platform with 30 clamps x 100 ml flasks (360x400 mm)	BS-010135-BK
P-16/250, platform with 16 clamps x 250 ml flasks (360x400 mm)	BS-010135-CK
P-9/500, platform with 9 clamps x 500 ml flasks (360x400 mm)	BS-010135-AK
P-6/1000, platform with 6 clamps x 1000 ml flasks (360x400 mm)	BS-010135-DK
UP-168, universal platform for different clamps	BS-010135-JK
FC-50, clamp for 50 ml flask for UP-168 (ø 50 mm)	BS-010126-MK
FC-100, clamp for 100 ml flask for UP-168 (ø 65 mm)	BS-010126-HK
FC-250, clamp for 250 ml flask for UP-168 (ø 85 mm)	BS-010126-JK
FC-500, clamp for 500 ml flask for UP-168 (ø 105 mm)	BS-010126-LK
FC-1000, clamp for 1000 ml flask for UP-168 (ø 130 mm)	BS-010126-IK
FC-2000, clamp for 2000 ml flask for UP-168 (ø 166 mm)	BS-010126-IK
TR-44/15, adjustable angle 15 ml test tube rack for UP-168, 44 places	BS-010135-LK
TR-21/50, adjustable angle 50 ml test tube rack for UP-168, 21 place	BS-010135-KK
SPML, set of 3 double-sided adhesive strips for UP-168, dimensions 390x80x3 mm	BS-010135-MK

Description	Catalogue number
Tiered platforms PP with non-slip rubber mats, working area 355x455 mm, distance between levels 140 mm:	
PP-20, one-level, dimensions 380x480x10 mm	BS-010126-BK
PP-20-2, two-level, dimensions 380x480x160 mm	BS-010126-CK
PP-20-3, three-level, dimensions 380x480x300 mm	BS-010126-DK
PP-20-4, four-level, dimensions 380x480x440 mm	BS-010126-EK

10. Maintenance

10.1. Service.

10.1.1. If the unit is disabled (e.g., no platform movement, no reaction to key presses, etc.) or requires maintenance, disconnect the unit from the mains and contact Biosan or your local Biosan representative.

10.1.2. All maintenance and repair operations (except listed below) must be performed only by qualified and specially trained personnel.

10.1.3. Operating integrity check. If the unit follows the procedure described in section **Operation**, then no additional checks are required.

10.2. Cleaning and disinfection.

10.2.1. Use mild soap and water with a soft cloth or sponge for cleaning the exterior. Rinse remaining washing solution with distilled water. Wipe dry the excess water with clean, soft cloth or sponge.

10.2.2. **SPM** and **SPML** adhesive material maintenance. Clean the adhesive surfaces with water or mild soap solution, rinse, and air dry before reattaching. Adhesive properties work only when the surface is clean, dry, and dust-free. Do not subject to UV radiation, do not place in high humidity (i.e., do not autoclave). Read the enclosed instructions for additional info.

10.2.3. To disinfect the plastic and metal parts, use 75% ethanol or DNA/RNA removing solution (e.g., Biosan PDS-250). After disinfecting, wipe the surfaces dry.

10.2.4. Platforms and mats are autoclavable, at 121°C, for 15 min, the unit itself is not autoclavable.

10.3. **Disposal of the unit.** The user is responsible for decontaminating the unit when it is taken out of service. Dispose of the unit as electronic equipment in accordance with the relevant national laws.

11. Storage and transportation

11.1. Store and transport the unit in a horizontal position (see package label) at ambient temperatures between -20°C and +60°C and maximum relative humidity of 80%.

11.2. After transportation or storage and before connecting it to the electric circuit, keep the unit under room temperature for 2-3 hrs.

11.3. For extended storage, the unit does not require special procedures.

12. Warranty and registration

12.1. The Manufacturer guarantees the compliance of the unit with the requirements of Specifications, provided the Customer follows the operation, storage and transportation instructions.

12.2. The warranted service life of the unit from the date of its delivery to the Customer is 24 months (excluding optional accessories in **9.2**). For extended warranty, see **12.5**.

12.3. Warranty covers only the units transported in the original package.

12.4. If any manufacturing defects are discovered by the Customer, an unsatisfactory equipment claim shall be compiled, certified and sent to the local distributor address. To obtain the claim form, visit section **Technical support** on our website at link below.

12.5. Extended warranty. For **PSU-10i** and **PSU-20i**, the *Premium* class models, one year of extended warranty is available free of charge after registration, during 6 months from the date of sale. Online registration form can be found in section **Warranty registration** on our website at the link below.

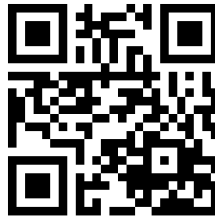
12.6. Description of the classes of our products is available in the **Product class description** section on our website at the link below.

Technical support



biosan.lv/en/support

Warranty registration



biosan.lv/register-en

Product class description



biosan.lv/classes-en

12.7. The following information will be required in the event that warranty or post-warranty service comes necessary. Complete the table below and retain for your records.

Model	Serial number	Date of sale
PSU-10i, PSU-20i , orbital shakers		

12.8. **Production date.** Production date is placed in the serial number, on the label of the unit. Serial number consists of 14 digits styled XXXXXYYMMZZZZ, where XXXXXX is model code, YY and MM – year and month of production, ZZZZ – unit number.

13. EU Declaration of Conformity

13.1. Orbital shaker **PSU-10i** and multi-functional orbital shaker **PSU-20i** are in conformity with the following relevant Union legislations:

LVD 2014/35/EU	LVS EN 61010-1:2011 + A1:2019 Safety requirements for electrical equipment for measurement, control, and laboratory use. General requirements. LVS EN 61010-2-051:2021 + A11:2021 Particular requirements for laboratory equipment for mixing and stirring.
EMC 2014/30/EU	LVS EN 61326-1:2021 Electrical equipment for measurement, control and laboratory use. EMC requirements. General requirements.
RoHS3 2015/863/EU	Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment.
WEEE 2012/19/EU	Directive on waste electrical and electronic equipment.

13.2. Declaration of Conformity is available for download on the page for the relevant model on our website by links below, in the **Downloads** section:



[PSU-10i](#)



[PSU-20i](#)



Biosan SIA

Ratsupites 7 k-2, Riga, LV-1067, Latvia

Phone: +371 67426137

<https://biosan.lv/>

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