

BUREAU VERITAS
Certification



Certification

Awarded to

SIA "Biosan"

Rātsupītes iela 7, korp.2, Rīga, LV-1067, LATVIA

Bureau Veritas Certification certify that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standard detailed below

STANDARD

ISO 9001:2015

SCOPE OF CERTIFICATION

DEVELOPMENT, PRODUCTION, SALES AND SERVICE OF LABORATORY EQUIPMENT.

Original cycle start date: 25.05.2004.

Recertification Audit date: 09.04.2019.

Recertification cycle start date: 26.05.2019.

Subject to the continued satisfactory operation of the organisation's Management System, this certificate expires on: 25.05.2022.

Certificate Number : LVRIG24119A

Version: 1 Revision date: 11.04.2019.

Certification Manager
Iveta Lazdina

Certification body address: Bureau Veritas Latvia SLA, Dunties street 17a, Riga, LV-1005, Latvia

*Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organisation.
To check this certificate validity please call +371 67323246*



EU Declaration of Conformity

Unit type Mini-centrifuge, laboratory centrifuge

Models Microspin-12, LMC-3000, LMC-4200R

Serial number 14 digits styled XXXXXXYMMZZZZ, 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:

LVD 2014/35/EU	LVS EN 61010-1:2011 Safety requirements for electrical equipment for measurement, control, and laboratory use. General requirements. LVS EN 61010-2-020:2016 Particular requirements for laboratory centrifuges.
EMC 2014/30/EU	LVS EN 61326-1:2013 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.

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

LMC-3000, Laboratory Centrifuge

DESCRIPTION

LMC-3000 is a modern low-speed bench-top centrifuge designed for operation with microtest plates and centrifuge tubes up to 50 ml. This device is widely used in biomedical profile laboratories.

Features:

- Soft start and run-down of the rotor;
- User-friendly setting of centrifugation parameters (speed and time) and simultaneous display of both set and actual values;
- Safe operation at any speed is provided by metal protection chamber and case cover, automatic stop at imbalance and a lock keeping the lid closed while the centrifuge is running;
- Rotor selection;
- Setting rotor speed in RPM or RCF;
- Multiple acceleration (Slow, Normal, Fast) and deceleration (0, Slow, Normal, Fast) modes and possibility to switch off forced braking;
- Low noise level;
- Wide choice of accessory rotors.



SPECIFICATIONS

Speed regulation range for centrifuge tubes	100-3000 rpm (1610 × g)
Speed regulation range for microtitre plates	100-2000 rpm (560 × g)
Setting resolution	100 rpm
Digital time setting	1 - 90 min (increment 1 min)
Timer sound signal	+
Rotor imbalance diagnostics (automatic stop, "IMBALANCE" warning)	+
Display	LCD, 2 x 16 signs
Chamber diameter	335 mm
Overall dimensions (W×D×H)	420 x 495 x 235 mm
Weight	11.8 kg
Nominal operating voltage	230 V, 50/60 Hz or 120 V, 50/60 Hz
Power consumption (230V / 120 V)	110 W (0.5 A) / 120 W (1 A)

CAT. NUMBER

Without rotor	Without rotor
BS-010208-AAA	230VAC 50/60Hz Euro plug
BS-010208-AAB	230VAC 50/60Hz UK plug
BS-010208-AA3	230VAC 50/60Hz AU plug
BS-010208-AAC	100VAC 50/60Hz US plug, 120VAC 60Hz US plug
BS-010208-GK	IQ OQ document
BS-010208-LK	PQ document



R-6
BS-010208-DK
rotor

Swing-out rotor for conical bottom centrifuge tube. Aluminium buckets.



R-6P
BS-010208-XK
Rotor

Swing-out rotor for conical bottom centrifuge tube. Plastic buckets (POM Kocetal).



BI-25-6
BS-010221-VK
adapter set

For rotors R-6, R-6P, Ri-6, Ri-6P optional insert set (6 pcs) - BI-25-6 for 25 ml conical tubes



R-12/10
BS-010208-BK
Rotor

Swing-out rotor for round bottom centrifuge tube.



BN-13/75
BS-010208-PK
adapter set

For rotors R-12/10, Ri-12/10 optional adapter set (12 pcs) - BN-13/75 for vacutainers 2-5 ml



BN-13/100
BS-010208-QK
adapter set

For rotors R-12/10, Ri-12/10 optional adapter set (12 pcs) - BN-13/100 for vacutainers 4-8 ml



BN-16/100
BS-010208-RK
adapter set

For rotors R-12/10, Ri-12/10 optional adapter set (12 pcs) - BN-16/100 for vacutainers 8-10 ml



R-12/15
BS-010208-EK
Rotor

Swing-out rotor for conical bottom centrifuge tube.



R-2
BS-010208-AK
Rotor

Swing-out rotor for standard 96-well microtitre plates, skirted PCR plates, deepwell plates up to 45mm.



AP-96
BS-010219-DK
adapter

2 adapters for 96-well semi-skirted and non-skirted PCR plates - made of Ertacetal® C. Autoclavable



AP-384
BS-010219-EK
adapter

2 adapters for 384-well plates - made of Ertacetal® C. Autoclavable



R-24GC
BS-010208-VK
Rotor

Rotor for 24 Gel Cards for blood group serology testing (Forward Group, Reverse Group, RhD Type and 3 cell antibody screen)



RR-U
BS-010208-UK
rack for rotors

Rack for rotors



BN-11/30
BS-010208-ZK
bucket set for rotor R-6P

Spare bucket set for rotor R-6P. Plastic buckets (POM Kocetal) (6 pcs).



BN-16/90
BS-010208-SK
bucket set for rotor R-12/10 R-24/10

Spare bucket set for rotor R-12/10, R-24/10. Plastic buckets (12 pcs).



BN-17/120
BS-010208-TK
bucket set for rotor R-12/15

Spare bucket set for rotor R-12/15. Plastic buckets (12 pcs).