



VOZROZHDENIE LLC

OKPD 2 26.30.50.110

TU 26.30.50-007-33120038-2017

APPROVED BY

VZR.249600.000LU

**FULL HEIGHT ROTOR TURNSTILE
CUBE C-10 MODEL**

VZR.249600.000LB

LOGBOOK

41 sheets

2020

TABLE OF CONTENTS

Abbreviations	4
1 General instructions.....	5
2 Basic information	6
3 Basic technical data	7
4 Individual features.....	9
5 Completeness.....	10
5.1 Product components.....	10
5.2 Spare parts, tools, and accessories.....	11
5.3 Limited-life products	11
5.4 Operational documentation.....	11
6 Lifetime, service life and shelf life, manufacturer's warranty	13
6.1 Lifetime, service life and storage life	13
6.2 Manufacturer's warranty	13
7 Preservation	16
8 Packing certificate.....	17
9 Acceptance certificate	18
10 Product service record	19
10.1 Acceptance and handover of the product	20
10.2 Information on the product allocation during operation	20
11 Product running time record	21
12 Maintenance record.....	22
13 Recording work performed according to bulletins and instructions.....	23
13.1 Recording work performed according to bulletins	23
13.2 Recording work performed according to the customer's instructions	23
14 In-service work	25
14.1 Record of work performed	25
14.2 Special notes regarding operation and emergencies	26
14.3 Periodic monitoring of basic performance and technical characteristics.....	27
14.4 Information about claims	28
15 Storage.....	29
16 Repair.....	30

16.1	Summary of repair performed	30
16.2	Data of acceptance tests	30
16.3	Acceptance and Warranty Certificate	31
17	Special notes	32
18	Information on disposal	34
19	Checking the product condition and maintaining the Logbook.....	35
20	Sale details	37
21	Information on installation.....	38

ABBREVIATIONS

The following abbreviations are used in this document:

LB — Logbook;

OM — Operation Manual;

IM — Installation Manual;

PSU — power supply unit;

CP—control panel symbol;

BCP 01 — basic control panel;

UCP 02 — universal control panel;

ACS — access control system.

1 GENERAL INSTRUCTIONS

This Logbook (LB) applies to high OxgardCube C-10 Praktika QL-05 full height rotor turnstile and its modifications (hereinafter referred to as the product).

Before using the product, please read the Operation Manual (VZR.249600.000 OM). The product shall be installed according to Installation Manual (VZR.249600.000 IM).

The Logbook should be kept with the product at all times.

All entries in the Logbook should only be made in black ink, clearly and accurately. Erasures, blots, and unauthenticated corrections are not allowed. All corrections should be authenticated with signature and QCD stamp.

A person who accepted the product for use shall be responsible for safekeeping of the Logbook and correctness of its completion.

The product shall be sent for repair together with the Logbook which contains information on the number of running hours since the start of the product operation, and along with Report on Technical Condition.

When transferring the product to another company, final summing records of running time should be authenticated with the seal of the company which transfers the product.

Persons responsible for the product during its operation and storage shall regularly fill in relevant Logbook sections.



Note — The product operation generally includes its intended use, transportation, storage, maintenance and repair.

2 BASIC INFORMATION

High OxgardCube C-10 full height rotor turnstile is a normally open blocking device and is designed for control over passing of people at checkpoints of sites with strict requirements to access control and a need of full blocking of the passage zone height along.

Basic information is given in Table 1.

Table 1 – Basic information on the product

Product	full height rotor turnstile Oxgard Cube C-10
Manufacturer	Vozrozhdenie LLC
Manufacturer address	192289, Russia, St. Petersburg, Sofiyskaya st., 66
Specifications	TS 26.30.50-007-33120038-2017
Product serial number	
Date of manufacture	
Version of controller board	
Software version	FC C-10
Declaration of Conformity (Eurasian Economic Union)	
PROMTEKHSTANDARD certificate	

3 BASIC TECHNICAL DATA

Basic technical data of the product are given in Table 2.

Table 2 – Basic technical data

Parameter	Value	
	Turnstile Cube C-10	Control panel UCP 02, BCP 01
Overall dimensions (HxWxL), mm: -C-10	2220x1455x1085	25x107x107
Weight, kg: -C-10	232.0	0.5
Temperature range, °C: - operation - transportation and storage	-40...+50 -40...+50	+1...+40 +1...+40
Relative air humidity, %, max.	95	80
Width of formed passage, mm	660	
Throughput, persons/min	30	
Max. number of connected control panels, pcs.	2	
Width of blocked passage, mm	1455	
Number of rotor blades, pcs.	3	
Number of horizontal rods in blade, pcs.	10	
Length of rotor blade rod, mm	590	
Passage height, mm	2015	
Service life, years	8	8

Electrical characteristics of the product are given in Table 3.

Table 3 – Electrical characteristics

Parameter	Value	
	Cube C-10 turnstile	Control panel UCP 02
Supplied voltage, V	12 V	12.0
Average current in standby mode, A	0.15	
Average current in passage mode, A	2	
Maximum current consumption, A	4.5	



Note - * Values of current are given for rated supply voltage. The turnstile is powered from AC network with voltage of 220 ± 22 V and frequency of 50 Hz.

The product inspection results are given in Table 4.

Table 4 – Product inspection

Date	Reason for inspection	Accumulated running time since the beginning of operation	Inspection result			Position, surname and signature of the person performing the inspection
			Maximum consumed current, A	Current in standby mode, A	Current in passage mode, A	

4 INDIVIDUAL FEATURES

The product should be installed by qualified personnel in accordance with Installation Manual (VZR.249600.000 IM).

The passage zones shall be arranged to allow recording of passages during operation of the ASC controlled product and avoid unauthorized passages.



Note — The manufacturer reserves the right to change configuration, technical characteristics and appearance of the product without further notice

5 COMPLETENESS

5.1 Product components

The product components are listed in Table 5.

Table 5 – Product components

Product designation	Product	Quantity	Serial number	Note
Full Height Rotor Turnstile	Cube C-10	1		
BCP 01*	Basic control panel 01	1		
UCP 02 *	Universal control panel 02	1		
Barrier section set*	Praktika barrier	1		
Bracket*	Fastening bracket to turnstile	1		

5.2 Spare parts, tools, and accessories

Spare parts, tools, and accessories for the product are listed in Table 6.

Table 6 – Spare parts, tools, and accessories

Product designation	Product	Quantity	Serial number	Note
Sleeve anchor with bolt*	FH 12-S	12	-	
Keys	Keys for locks	4	-	

5.3 Limited-life products

Limited-life products are listed in Table 7.

Table 7 – Limited-life products

Product designation	Product	Quantity	Serial number	Note



Note - In Tables 5, 6, 7: the product components marked with (*) are optional.

5.4 Operational documentation

The scope of operational documentation is given in Table 8.

Table 8 – Operational documentation

Product designation	Product	Quantity	Serial number	Note
VZR.249600.000 AS	Approval sheet	1	-	
VZR.249600.000 LST	List of operational documents	1	-	
VZR.249600.000LB	Logbook	1	-	
VZR.249600.000OM	Operation Manual	1	-	
VZR.249600.000IM	Installation Manual	1	-	

6 LIFETIME, SERVICE LIFE AND SHELF LIFE, MANUFACTURER'S WARRANTY

6.1 Lifetime, service life and storage life

Assigned service life of the product is 8 years. During this period (after warranty period expiration - under the contract), the supplier company undertakes to provide service maintenance for the product operation:

- 1) assist the operating company in purchasing, repairing, and replacing faulty parts of the product;
- 2) independently inform the operating company about purchased product components that have been discontinued and replaced with more advanced ones;
- 3) where necessary, perform together with the operating company assessment of the product component condition and develop measures to maintain its functionality;
- 4) perform work on the product improvement and development.

Lifetime and service life of product components shall be determined from individual data sheets (logbooks).

These lifetime, service life and shelf life are valid subject to observance of current operational documentation requirements by consumer.

6.2 Manufacturer's warranty

The warranty period of the product is 12 months from the date of sale by the manufacturer, provided that the consumer adheres to all the instructions given in the Installation Manual and Operation Manual.

The date of sale is specified in the product Logbook. When the date of sale is not available, the warranty period shall be calculated from the product manufacture date as detailed in the Logbook.

When any problem occurs, please contact authorized dealer or the nearest authorized service center. The warranty terms and conditions provide for a free-of-charge replacement of parts, assemblies, units, etc., in which a manufacturing defect is found. The warranty is provided if the product owner adheres to the maintenance requirements of the Maintenance Manual.

The addresses of authorized dealers and service centers are listed in the Operation Manual and are available at the website: www.oxgard.com

The warranty terms and conditions do not provide for transportation costs and specialist's visit to the product operation site for product connection, setup, repair or for consulting purposes.

Post-warranty service is provided at the rates set by the service center. In case of a non-warranty repair, the warranty period for replaced parts and components is 3 months from the date of sending the fault-free product to the buyer's address.

All replaced parts, assemblies, units, etc. become the property of the service center, which performed the warranty and post-warranty repairs of the product.

All claims for quantity, completeness and appearance of the delivered goods should be accepted by the manufacturer in writing no later than 5 (five) business days from the date of goods receipt by the buyer. In case of non-observance of the above term, claims for the delivered goods on the listed grounds will not be accepted.

Service center has the right to refuse warranty repairs in the following cases:

- 1) if there are defects resulting from the consumer's violation of instructions given in the Installation Manual VZR.249600.000 IM and the Operation Manual VZR.249600.000 OM;
- 2) if the product is used for purposes other than intended;
- 3) if there are signs that user has modified the product design;
- 4) if there is mechanical damage resulting from fire, impact or accident, etc.;
- 5) if there is mechanical damage resulting from operating the product in excess of the operational limits and load characteristics specified by the manufacturer;
- 6) if there is electrical damage to the product's parts and assemblies, resulting from voltage surges in the mains, incorrect connections, incorrect power cable selection;
- 7) if there is electrical or any other damage to the product's parts and assemblies due to ingress of water and other liquids;
- 8) if there is damage related to small animals and insects;
- 9) if there are signs of self-repair undertaken anywhere other than in the authorized service center, as well as defects resulting from the use of non-original spare parts;
- 10) if there are malfunctions caused by normal wear or expiry of service life of the product components (consumables, fuses and other components).

Information on preservation is given in Table 9.

[illegible]



8 PACKING CERTIFICATE

Oxgard Cube C-10 full height rotor turnstile ____, Serial number No. _____

Packed by _____
manufacturer name or code

according to the requirements stipulated in current technical documentation.

Packed by _____

position

personal signature

printed name

____ 20__

9 ACCEPTANCE CERTIFICATE

Oxgard Cube C-10 full height rotor turnstile ____ serial number _____ has been manufactured and accepted in accordance with mandatory requirements of national standards, current technical documentation; and recognized as fit for operation.

Head of QCD

QCD stamp

_____/_____/

____ 20 ____

Grounds for delivery _____

Head of the Organization

L.S.

_____/_____/

____ 20 ____

Customer

L.S.

_____/_____/

____ 20 ____

10 PRODUCT SERVICE RECORD

The product service record is detailed in Table 10.

Table 10 – Product service record

Date of installation	Place of installation	Date of removal	Accumulated running time		Reason for removal	Signature of the person who performed installation (removal)
			since the beginning of operation	since last repair		

10.1 Acceptance and handover of the product

Information on acceptance and handover of the product is given in Table 11.

Table 11 – Acceptance and handover of the product

Date	Product condition	Date of removal	Organization, position and signature		Note
			who handed over	who accepted	

10.2 Information on the product allocation during operation

Information on the product allocation during operation is given in Table 12.

Table 12 – Information on the product allocation during operation

Product (component) name and designation	Position, surname and initials	Grounds (name, number and date of the document)		Note
		Allocation	Deallocation	

Information on the product running time record is given in Table 13.

Table 13 – Product running time record

[illegible]

Information on the product maintenance is given in Table 14.

[illegible]

13 RECORDING WORK PERFORMED ACCORDING TO BULLETINS AND INSTRUCTIONS

13.1 Recording work performed according to bulletins

Information about work performed according to bulletins and instructions is given in Table 15.

Table 15 – Recording work performed according to bulletins

Bulletin number	Summary of the work	Set deadline	Date of completion	Position, surname and signature	
				who carried out the work	who checked the work

13.2 Recording work performed according to the customer's instructions

Information on work performed according to the customer's instructions is given in Table 16.

Table 16 – Recording work performed according to the customer's instructions

Number of instruction	Summary of the work	Set deadline	Date of completion	Position, surname and signature	
				who carried out the work	who checked the work



14 IN-SERVICE WORK

14.1 Record of work performed

Information about work performed while in service is given in Table 17.

Table 17 – Record of work performed

Date	Work name and reason	Position, surname and signature		Note
		who carried out the work	who checked the work	

14.2 Special notes regarding operation and emergencies

[illegible]

14.3 Periodic monitoring of basic performance and technical characteristics

Information about periodic monitoring of basic performance and technical characteristics is given in Table 18.

Table 18 – Periodic monitoring of basic performance and technical characteristics

Name and unit of measurement of the monitored characteristic	Rated value	Maximum deviation	Monitoring frequency	Monitoring results					
				Date	Value	Date	Value	Date	Value
Average current in standby mode									
Average current at passing									
Maximum consumed current									
Supplied voltage									



Note - The first four columns of Table 18 shall be filled in by the product manufacturer, subsequent columns shall be completed by a person who performed the characteristics monitoring.

14.4 Information about claims

In case of the product's failure due to the manufacturer's fault before the warranty period expiry, a Claim Report shall be prepared.

All claims and requests should be sent to:

Vozrozhdenie, LLC

192289, St. Petersburg, Sofiyskaya st., 66

Phone/Fax +7 (812) 366 15 94 (from 9-00 to 16-00)

Phone +7 (812) 366-15-94 (from 9-00 to 16-00)

Website: www.oxgard.com

E-mail: support@oxgard.com

Information about claims shall be recorded in Table 19.

Table 19 – Information about claims

Date of receipt	Claim content	Measures taken	Date of action

15 STORAGE

The product shall be stored in dry (without moisture condensation) heated rooms at a temperature from +1 to + 40°C. The storage room should be free of acid or alkali vapors, as well as corrosive gases.

The turnstile can be stored in its original package for a short time, no more than for 3 days, in dry unheated rooms, enclosed transport bodies.

After storage in unheated rooms, before commissioning, the turnstile should be kept in a room with normal climatic conditions for 12 hours.

Information on the product storage is given in Table 20.

Table 20 – Storage

Date		Storage conditions	Type of storage	Note
acceptance for storage	removal from storage			

16 REPAIR

16.1 Summary of repair performed

Oxgard Cube C-10 full height rotor turnstile ____, Serial number No._____

organization name

date

Accumulated running time since the beginning of
operation_____

parameter characterizing the lifetime or service life

Accumulated running time since last
repair_____

parameter characterizing the lifetime or service life

Reason for repairs_____

Performed repairs_____

type and summary of repair

16.2 Data of acceptance tests

Data of acceptance tests are given in Table 21.

Table 21 – Data of acceptance tests

Date	Checked parameter	Inspection result	Position, surname and signature of the person performing the inspection

--	--	--	--

16.3 Acceptance and Warranty Certificate

Oxgard Cube C-10 full height rotor turnstile ____, Serial number No. _____

_____ according to

type of repair

organization name

type of document

is accepted in accordance with mandatory requirements of state standards, current technical documentation; recognized as fit for operation.

Lifetime before next repair _____
lifetime-governing parameter

_____ during service life ____ year(s),

including shelf life _____
storage conditions, year(s)

The repair contractor guarantees that the product will meet the requirements of current technical documentation provided that the consumer will adhere to the requirements of current operational documentation.

Head of QCD

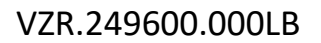
L.S.

_____/_____/

____ 20____

17 SPECIAL NOTES

[illegible]

[illegible]

18 INFORMATION ON DISPOSAL

The product does not contain any components posing risk for environment, it is explosion-proof and fire-proof, therefore no special measures are required for its disposal.

Information on checking the product condition and maintaining the Logbook is given in Table 22.

[illegible]



20 SALE DETAILS

The sale details are given in Table 23.

Table 23 – Sale details

Seller company	
Buyer company	
Date of sale	
Signature of seller and corporate seal	
Signature of buyer	

21 INFORMATION ON INSTALLATION

Information on installation is given in Table 24.

Table 24 – Information on installation

Installer company	
Date of installation	
Date of sale	
Surname and signature of foreman	
Signature of buyer	





The Logbook totals ____ pages numbered

Head of the Organization

L.S.

_____/_____/

____ 20 ____

Vozrozhdenie LLC

192289, 66, Sofiiskaya str.,

Saint-Petersburg, Russia

Telephone/Fax +7 (812) 366 15 94

www.oxgard.com

info@oxgard.com

