



Glassware Dryer

PE-2000

Data Sheet

Operating Manual

Version 1.1EN dated 29.09.2015

Technical Specification TU 3613-006-56278322-2011

Part number:

1.75.10.0240



Saint Petersburg
2015

1. General Instructions

The present data sheet combined with the technical description and operating manual is intended for familiarising the user with the principle of operation, construction and rules of operation of the glassware dryer.

Due to continuous improvement of the device, minor modifications not worsening the technical specification of the device can be made to the design.

Never proceed to operation of the device without getting familiarised with the technical description and operating manual!

2. Purpose

The device is intended for fast drying the laboratory glassware in a warm air stream.

3. Technical Specification

Supply voltage, V 220

Rated frequency, Hz 50

Maximum power consumption, W 800

Maximum temperature of the air outflow,
under normal conditions, °C 65

Operating Conditions:

Ambient air temperature, °C 5÷45

Relative air humidity, % 30÷90

Overall dimensions:

Diameter, mm 345

Height, mm 600

Weight, kg, not more than 7.5

4. Scope of delivery

Glassware dryer 1 pc

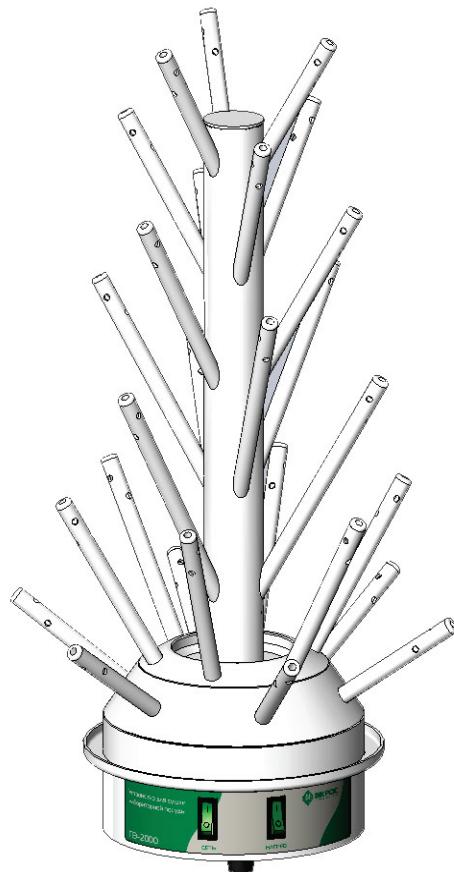
Data sheet 1 pc

Spare air filter 1 pc

5. Construction and Working Procedure

The device consists of a cabinet combined with the air duct and tubes serving for delivery of warm air and placement of chemical glassware.

The device cabinet accommodates the fan and heater. The air is drawn in from below through a special dust-catching air filter.



Attention! The air filter needs to be replaced regularly depending on the degree of clogging. To get access to the filter, unscrew three feet on the instrument bottom and remove the perforated plate.

Connect the device to the power mains, set the POWER switch and then the HEAT switch to the ON position. Then place carefully the cleanly washed glassware onto the air duct tubes. After that the glassware will be blown with warm air at the temperature of approximately 60°C.

On completion of the drying process, the switches shall be set to the OFF position in the reverse order and the device shall be disconnected from the electrical mains.

6. Safety Requirements

As regards the degree of protection of a human against electric shock, the device is referred to class I as per GOST 12.2.007.0 standard.

Prior to connecting the device to the power mains, make sure that it is free of visible mechanical damages.

The device shall be only connected to the earthing loop by means of a three-pole socket and plug with earthing contact.

It is strictly prohibited to:

- work with the unearthing device.
- use electric adapters without earth contact to connect the device to the mains;
- use the water/gas-supply or sewerage networks, hot-liquid pipelines, earthing connectors of lightning dischargers, etc. as earthing system.

7. Storage and Transportation Rules

The glassware dryer shall be stored indoors at the ambient temperature of +5°C to +30°C and relative humidity of air not exceeding 80%.

The driers shall be transported by any transportation mode in roofed vehicles to any distances according to the haulage rules applicable to the transport of the respective kind.

8. Warranty

The guaranteed service life is 12 months from the date of shipment to the consumer as determined in the bill of lading or, in the absence of the latter, from the date of manufacture of the product.

The warranty maintenance shall be only performed by the manufacturer's authorised service centres.

9. Claims Information

In case of revealing any faults within the guaranteed service life or incompleteness when unpacking the product, the consumer shall send the claim report to the manufacturer's address:

Ecohim Co. Ltd.

22 17th Line, building I, Suite 406, Vasilyevsky Island, Saint Petersburg
199178

Phone/fax: (812) 322-96-00, 449-31-22, 449-31-23

Email: info@ecohim.ru; URL: www.ecohim.ru

The claim shall not be submitted:

- on expiration of the warranty period;
- if the consumer has broken the operation, storage and transportation rules provided in the operating documentation.

10. Certificate of Acceptance

PE-2000 glassware dryer, serial number **2KO** _____ has been verified in accordance with the technical specifications TU 3613-006-56278322-2011, statutory requirements of national standards and current technical documentation, and recognised to be ready for service.

Date of manufacture _____

Stamp of the Technical Control Department

Inspector _____