



BEL-MEDIKON
Limited Liability Company

Development and Production of Medical Devices.



- **BLOOD LANCET;**
- **MULTIVARIATE INDICATORS FOR STEAM AND HOT AIR STERILIZATION;**
- **INSULATED BAGS;**
- **PACKAGING MATERIAL FOR STERILIZATION;**
- **KRAFT PAPER;**
- **CREPE PAPER**

BLOOD LANCET

A sterile single-application lancet is a medical instrument designed to prick a finger when taking blood to obtain a capillary blood sample from the finger in laboratory or at home. Three models are available: with center blade, side blade and side shortened blade. It is an apyrogenic stainless steel product manufactured according to GOST.

It is a stainless steel strip with a pointy end. Two edges of the blade are sharpened, which provides painless blood collection without milking the finger and quick healing. The rear end is rounded to prevent injury to medical personnel when taking blood.

The blood lancet has side stops that provide a standard, strictly fixed puncture depth, while the puncture force does not exceed 0.15 kgf.

It is sterilized with ethylene oxide (gas sterilization), which guarantees 100% product sterility.

The product is oriented in one direction in the package, which prevents injuries to medical personnel during work. It is tightly packed in an individual package.

The product is apyrogenic and non-toxic.

Overall dimensions: length – 32 mm; width – 5 mm; blade length – 3.5 mm

Each batch has a Certificate of Sterility Testing.



TEMPERATURE-TIME INDICATOR FOR HOT AIR STERILIZATION

The proposed technical solution meets all sanitary requirements for sterilizers, allows to simplify the technology for producing indicators. Chemical multivariate single-application indicators for monitoring hot air sterilization (TV) are designed to monitor compliance with critical dry air sterilization variables (temperature and exposure dose (hold time)). Chemical multivariate single-application indicators for monitoring steam sterilization (TVP) are designed to monitor compliance with critical sterilization parameters (temperature, exposure dose and saturated steam proportion). They are a medium, i.e.

a rectangular self-adhesive strip (adhesive layer on the back side is covered with protective paper for fixing to the packaging to be sterilized), with an applied temperature-time indicator patch, which changes its color after

a proper sterilization together with a reference standard.

Indicator application:

- allow to monitor the sterilization efficacy;
- allow to guarantee the sterilization quality;
- provide rapid visual monitoring of compliance with critical sterilization parameters;
- allow to detect non-compliance with the set values of critical sterilization parameters (non-effective sterilization), which can result in non-sterile products. The indicators (1,000 pcs) are delivered with an Instruction for Use and a Sterilizer Operation Control Log.



INSULATED BAG

An insulated bag is intended for transportation and temporary storage of biological materials, medications, biologicals, pharmaceutical chemicals, thermolabile products and other drugs, medicines, diagnostic samples, food products, as well as other goods (hereinafter referred to as the Product) that require protection from high or low ambient temperatures, and/or a certain temperature. The insulated bags are designed for transportation and storage of various products in various temperature conditions: +2 to +8°C, +15 to +25°C in medicine, trade, public catering, everyday life and other industries. The insulated bags are reusable. The impact-resistant container reliably protects against external mechanical impact. The insulated bag comprises a plastic washable container, a thermal bag and a removable moisture-resistant handled case bag.



No.	Model	Internal dimensions (LxWxH), mm
1.	Insulated bag (2 liters)	200*140*118
2.	Insulated bag (3 liters)	255*165*137
3.	Insulated bag (6 liters)	295*205*162
4.	Insulated bag (11 liters)	370*250*195
5.	Insulated bag (20 liters)	395*290*280
6.	Insulated bag (50 liters)	540*380*320

KRAFT PAPER

Kraft paper 80 g/m² is made from brown pulp. It is an extremely strong and environmentally friendly material, resistant to sharp changes in temperature and humidity, and has specific antibacterial and barrier properties. Kraft paper is cheaper than other packaging materials. Kraft paper is a finished product for packaging medical devices for subsequent sterilization by dry air (160–180°C), steam (121–134°C), or gas.

The medical devices should be packed manually in accordance with the Instruction for Use. The service life of kraft paper is 2 years. The closed sterilized products may be stored for 21 days.



CREPE PAPER

Crepe paper is a durable, elastic and waterproof material for packaging various variably sized and weighted sets of tools and bed sheets. It can be used as a covering for tables and wheelchairs when transporting packaged products over short distances. It is suitable for sterilization by steam, dry air, gas (ethylene oxide, formaldehyde) and radiation.

Colors: white, green, blue (reinforced crepe paper only in blue).

Dimensions: length and width – 100 to 2,000 mm.





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