



CATALOGUE



INTRODUCTION

MEDPLANT, LLC was founded in 2000. Today it is a famous and successful manufacturing company, specializing in the production of medical devices for emergency care.

The main purpose of our development – the creation of portable, reliable, modern, easy to use medical devices for emergency medical services, disaster medicine, lifesavers and volunteers. The devices are used in difficult climatic and environmental conditions, in transport, emergency situations and etc.

Company “MEDPLANT” has many patents and awards. The company was assessed and found to be in conformity with the requirements of ISO 9001, ISO 13485. Also MEDPLANT has successfully passed the procedure of our products compliance to the requirements of the European Council Directive and got the permission for CE marking, that confirms good quality and safety of our products.

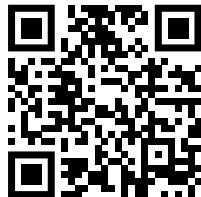
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RESUSCITATION PRODUCTS



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AUTOMATIC COMPRESSION MACHINE FOR CARDIOPULMONARY RESUSCITATION “ARKA”

The device provides closed-chest massage to a patient.

Designed for providing the automatic chest compression when patients are under cardiac arrest condition. The device provides continuous and accurate compressions, this procedure is the key element of successful resuscitation.

The device performs the chest compressions with optimal rate and depth that decreases the risk of human mistake and securers weariness.

All details and product specifications



It's easy to transport and use in different conditions- in ambulance cars as well as in hospital departments and field conditions.

AUTOMATIC COMPRESSION MACHINE FOR CPR

INTELLIGENT AND INTUITIVE
CONTROL AND DISPLAY SYSTEM

DEVICE CARRYING
AND RETENTION STRAP

STRAPS TO
SECURE THE
PATIENT'S ARMS

BATTERY 1

VACUUM
SUCTION CUP
FOR CHEST
DECOMPRESSION

BATTERY 2

minimum continuous
self-contained operation
time of 92 min

PATIENT STABILIZING
STRAP FOR
TRANSPORTATION

LOW-PROFILE
SUPPORT PLATE

carbon-fiber, X-ray transparent



TRANSPORTATION BACKPACK



- Patented and ergonomic system of device fixation
- Positioning lighting for control and placing the suction cup
- Reinforced reliable fasteners

Three regimes of CPR

“15:2” - 15 patient's chest compressions followed by a pause for two breathes;

“30:2” - 30 patient's chest compressions followed by a pause for two breathes;

“CONT” - continuous chest compressions.

CONTROL AND DISPLAY SYSTEM



THREE REGIMES OF CPR

15/2

30/2

CONT

OPTICAL POSITIONING DESIGNATOR



Functional characteristics

The CPR machine provides the chest compression to patient with the following chest dimensions in recumbent position:

- chest height – 170 mm - 305 mm;
- chest width – up to 450 mm.

The possibility to use the device in limited spaces

Patent of invention No. 2818452. The applied patent technical solutions allow to start the chest compression with CPR device “ARKA” to patients in accident locations with the limited space which is relevant during manmade disaster.

ERGONOMICS AND PORTABILITY OF STORAGE



1

RESUSCITATION PRODUCTS



MANUAL RESUSCITATORS KD-MP/ KDO-MP (REUSABLE/ SINGLE-USE)

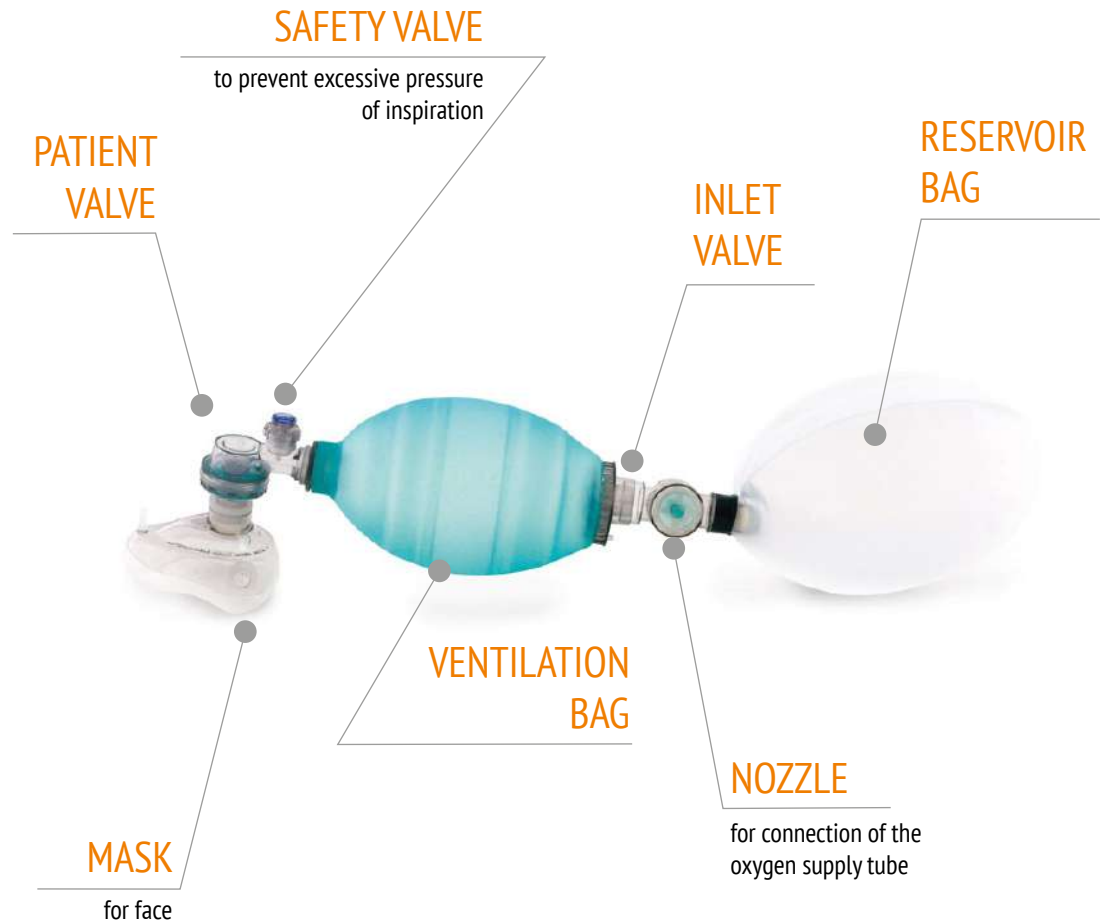
Manual resuscitator.

Manual resuscitators (Ambu bags) are designed for manual ventilation for adults (KD-MP-V, patient weight above 15 kg), children (KD-MP-D, patient weight from 4 to 15 kg) and newborns (KD-MP-N, patient weight below 4 kg) in cases of respiratory compromises of any etiology.

All details and product specifications



Single-use and reusable manual resuscitators can be connected to the oxygen source if required by the patient's condition. The safety valve prevents the risk of barotrauma.



● FOR ADULTS: KD-MP-V



REUSABLE MANUAL RESUSCITATORS KD-MP

REUSABLE manual resuscitators (Ambu) are made of silicon with wall thickness of 3 mm and stretching duration of less than 1 second, they are characterised by high strength, reliability and elasticity and can be autoclave-sterilised.

● Chemical disinfection, autoclaving at $t = 121^{\circ}\text{C}$, ethylene oxide gas sterilisation.

● FOR CHILDREN: KD-MP-D



● FOR NEWBORNS: KD-MP-N



FOR ADULTS: KDO-MP-V



DISPOSABLE MANUAL RESUSCITATORS KDO-MP

SINGLE-USE PVC manual resuscitators do not require sterilisation and repackaging, the cross-contamination risk is completely eliminated without the autoclaving because of single usage.

Single-use masks with inflatable rim included in the set are tightly attached to the face.

Single-use product, not reusable.

FOR CHILDREN: KDO-MP-D



FOR NEWBORNS: KDO-MP-N





“TEMP” CARDIOPULMONARY RESUSCITATION (CPR) EFFICIENCY INDICATOR

It assists in assessment of the CPR quality.

“Temp” CPR efficiency indicator measures the acceleration using a built-in accelerometer, calculates movement along the vertical axis and provides such information as chest compression frequency and depth by means of light and sound signals.

The device helps to perform the optimal chest compressions during the entire resuscitation period increasing the chances for preserving brain circulation and further restoration of the cardiac function by means of a defibrillator.



All details and product specifications



It is fitted with a built-in light indicator informing about the compression depth: the yellow signal means insufficient compression, the green signal means optimal compression and the red signal means excessive compression. The sound signals of the device are doubled by the light indicator signals and set the compression rate of 110 beats per minute.

CPR EFFICIENCY INDICATOR



COMPRESSION PAD

is placed under the rescuer's arms



LIGHT INDICATOR

CONTROL PANEL

with indication of CPR regimes and accumulator condition



CASE

for comfort transportation

● Chemical disinfection.

1

RESUSCITATION PRODUCTS



SINGLE-USE FOLDING CARDIOPULMONARY RESUSCITATION MASK

Used for resuscitation of adults and children with height above 120 cm.

The mask is fitted with an elastic adjustable strap to attach it to an injured person's head. There is a port for connection of the oxygen supply tube in the lower part of the mask.

The soft cuff provides tight attachment and the non-return valve with a filter provides reliable protection.

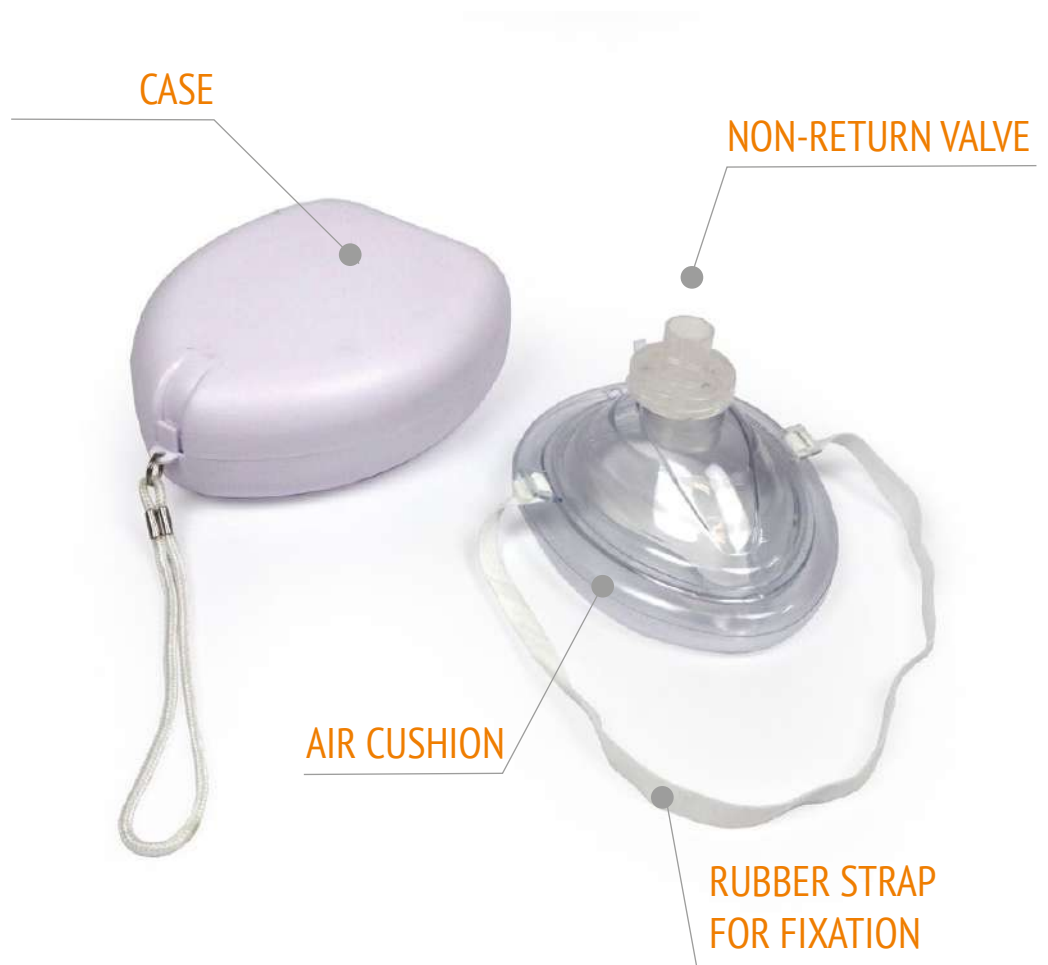
The mask is supplied with a compact and strong case for convenient storage and transportation.



All details and product specifications



Allows to provide the immediate respiratory support and protection for the person providing the first-aid care without CPR efficiency reducing.



● Single-use product, not reusable.



PORTABLE ASPIRATOR WITH MECHANICAL DRIVE APM-MP-1

High-efficiency, lightweight, reliable mechanical medical aspirator with a two-stroke operating principle.

The mechanical aspirator provides the high efficiency of aspiration (2 l/min with thick aspirate, 6 l/min with water) with low efforts and portable sizes.

Thanks to original design solutions, the user does not need to put high pressure when pressing the pedal, which allows to use it both by foot (including while sitting) and by hand.

The aspirator is protected from overfilling of the liquid collector, and aspiration catheters of different sizes are offered optionally.

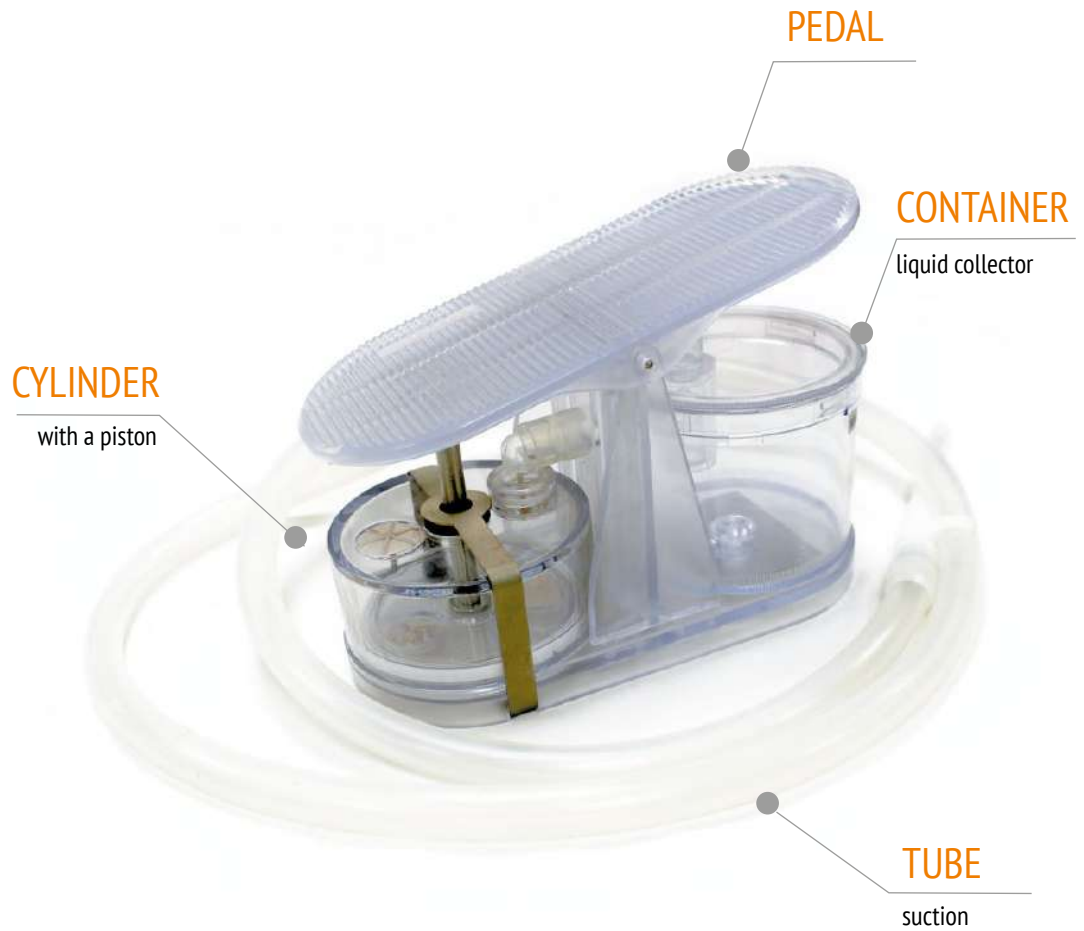


All details and product specifications



- Reusable demountable device which can be autoclaved
- Non-electric device which does not require the charging, so it can be used in any conditions.

ASPIRATOR WITH MECHANICAL DRIVE



- Chemical disinfection, autoclaving at $t = 121^{\circ}\text{C}$, boiling.



PORTABLE ELECTRIC ASPIRATOR AEP-01

Used for patient care in situations requiring removal of liquids through the mouth cavity, the nasopharyngeal cavity and other body cavities.

The device is fitted with a single power button allowing the doctor to start the aspiration process immediately.

The light vacuum indicator is located on the side panel of the device. The smooth adjustment function allows to set the required vacuum level ranging from 0 to 500 mmHg.

The device has the patented energy-saving technology which allows to increase the autonomous operation comparing with analogues.



All details and product specifications



The aspirator is fitted with a built-in power source for autonomous operation: a rechargeable Li-Ion battery with rated capacity of at least 2,600 mAh and rated voltage above 11.1 V. The fully charged battery allows the aspirator pump to operate for at least 45 minutes.

The weight is not more than 3 kg.
Overall dimensions in cover – 300x190x215 mm;
without cover - 172x172x211 mm.

ELECTRIC ASPIRATOR PUMP



CASE IS INCLUDED

for comfortable transportation

OVERFLOW PROTECTION SYSTEM

● Chemical disinfection, autoclaving at $t = 121^{\circ}\text{C}$, boiling.



MANUAL ARTIFICIAL RESPIRATING UNITS ADR-MP

Designed for manual respiration of patients with respiratory compromises of any etiology.

The manual artificial respirating units are a set of products necessary for manual resuscitation activities and respiration. The set includes the manual resuscitator of KD-MP series and high-efficiency portable aspirator with mechanical drive APM-MP-01.

The apparatus is supplied in a compact rigid-framed bag protecting the device from damage with a convenient handle and shoulder belt for transportation.



All details and product specifications



The set can be used either autonomously or in medical transport, medical resuscitation facilities as well as in operating rooms before connecting to an electric lung ventilator.

MANUAL ARTIFICIAL RESPIRATING UNITS



ADR-MP-V (for adults)
WITH AN ASPIRATOR



MANUAL ARTIFICIAL RESPIRATING UNITS ADR-MP WITH ASPIRATOR

The manual artificial respirating unit with an aspirator is supplied in a compact rigid-framed bag protecting the device from damage with a convenient handle and shoulder belt for transportation.

ADR-MP-D (for children) WITH AN
ASPIRATOR



ADR-MP-N (for newborns)
WITH AN ASPIRATOR



ADR-MP-V (for adults)
WITHOUT ASPIRATOR



MANUAL ARTIFICIAL RESPIRATING UNITS ADR-MP WITHOUT ASPIRATOR

The manual artificial respirating unit without an aspirator is packed in a convenient bag with a handle and a shoulder belt and does not occupy much space.

ADR-MP-D (for children) WITHOUT
ASPIRATOR



ADR-MP-N (for newborns) WITHOUT
ASPIRATOR





REUSABLE LARYNGOSCOPES FOR EMERGENCY MEDICINE OF LEM-02/L AND LEM-02/VO-SERIES

Designed for oral intubation of trachea during resuscitation activities, artificial lung ventilation and general anaesthesia.

Reusable sterilisable laryngoscopes of LEM-02 series are adapted for work in ambulance conditions.

The laryngoscope is switched on automatically when connecting the handle lock with the blade lock and setting the blade in the work position. Different blade sizes and types allow to intubate adults, children, newborns (including prematures) with different anatomic sizes of head, face and upper airways.

All details and product specifications



The laryngoscopes are powered by 2 C-type 1.5V batteries.

REUSABLE LARYNGOSCOPES



- Chemical disinfection, chemical sterilisation

CURVED BLADES



LARYNGOSCOPES OF LEM-02/L-SERIES (LAMP)

Laryngoscopes with standard (warm) lighting with the halogen-lamp light source installed inside the blade.

STRAIGHT BLADES



CURVED BLADES



LARYNGOSCOPES OF LEM-02/VO-SERIES (FIBRE-OPTIC)

Laryngoscopes with cold lighting with the light source installed inside the handle head and the light being transferred to the blade surface through the special optic fibre guide.

STRAIGHT BLADES





DISPOSABLE MEDICAL INSTRUMENT

Disposable sterile surgical instruments.

The forceps are designed to grasp and pinch blood vessels and bleeding areas during the surgical operations.

The tongue holder is designed to grasp, pull, and hold the tongue in the desired position.

The tweezers are designed to grasp the bandages, cotton pads, and gauze swabs during surgical operations and bandages.

All details and product specifications



Application conditions: in medical and preventive care facilities, mobile medical units, ambulances, field conditions, at home.



Tweezers



Bilroth's forceps

straight



Bilroth's forceps

curved



Kocher's forceps

straight



Kocher's forceps

curved



Tongue holder

for children



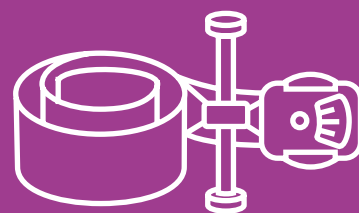
Tongue holder

for adults

● Single-use product, not reusable.

2

PRODUCTS FOR BLEEDING CONTROL

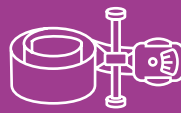


- 34 Compression tourniquet ZHK-01-“MEDPLANT”/ ZHK-02-“MEDPLANT”
- 36 Compression tourniquet ZHK-03-“MEDPLANT”



2

PRODUCTS FOR BLEEDING CONTROL



COMPRESSION TOURNIQUET ZHK-01-“MEDPLANT”/ ZHK-02-“MEDPLANT”

Designed for emergency and efficient arresting of external arterial hemorrhage.

The original hemostatic tourniquet (windlass rod tourniquet) is a flat “Velcro” strap with a buckle. The tourniquet has a spool with two slings. Compression is achieved by moving the lever, which winds the slings onto the spool, tightens the flat strap, and arrests the bleeding.

“UZH-01” tourniquet fastener is designed to secure folded tourniquets on vests, backpacks, pouches, etc.

Pouches “UZH-02” and “UZH-03” are designed to easily accommodate and swiftly deploy the tourniquets. Made from durable synthetic fabric, these pouches resist abrasion and withstand washing and cleaning.

Equipped with “MOLLE” fasteners.

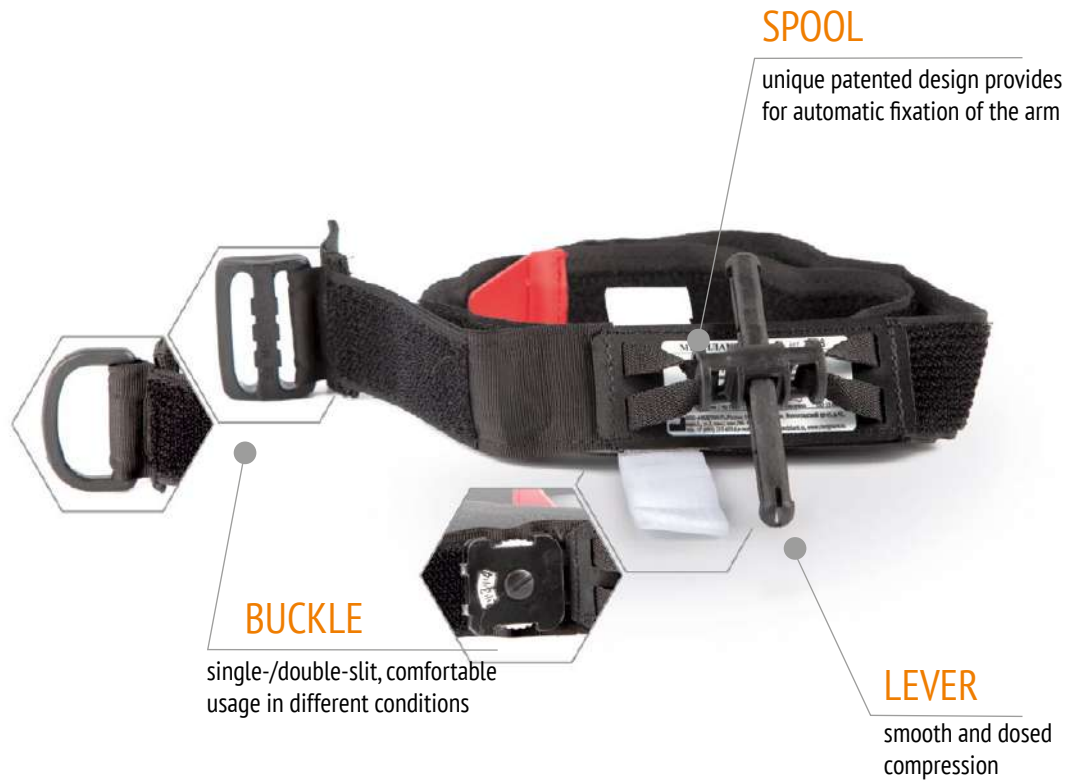


All details and product specifications



Causes minimal pain and provides the reliable stopping of hemorrhage during mutual and self help.

COMPRESSION TOURNIQUET

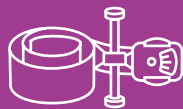


- Single-use product, not reusable.



2

PRODUCTS FOR BLEEDING CONTROL



COMPRESSION TOURNIQUET ZHK-03-“MEDPLANT”

Designed for emergency and efficient arresting of external arterial hemorrhage.

Disposable compression tourniquet ZHK-03 represents the flat band with «velcro» fastener. The rod mechanism is situated perpendicular to an arm which makes the stop bleeding procedure more comfortable. The updated modification of tourniquet has a rod situated extensionally that prevents spontaneous loosening and reduces the risk of soft tissue damage. It takes 3-5 turns to stop bleeding. It is designed for temporary stopping of massive, life-threatening bleeding in the lower and upper extremities.

All details and product specifications



- Convenient for «tourniquet control» procedure
- It is not a functional analogue of classic twisting tourniquets

COMPRESSION TOURNIQUET



- combined double - slot buckle;
- additional elastic element in the band for extra compression;
- the reel and rod are positioned in the plane along the band plane;
- tourniquet base is designed as a reel cradle

- Single-use product, not reusable.

3

THERMO-INSULATING CONTAINERS AND INFUSION PRODUCTS



- 40 Portable syringe driver for medicine “DSHP 5-20-SHMEL”
- 42 Thermo-insulating container with automatic heating and temperature regulation of infusion solutions TK-“MEDPLANT”
- 44 Folding IV pole SHR-“MEDPLANT”
- 46 Set of holders for infusion vials DF-“MEDPLANT” (infusion set)
- 48 Textile and plastic ampule holders





PORTABLE SYRINGE DRIVER FOR MEDICINE “DSHP 5-20-SHMEL”

Lightweight and convenient portable syringe driver.

The main advantage of device - autodetection of syringe volume. These features greatly simplify operations, allowing medical professionals to set just one parameter - the speed and the syringe driver is ready to use.

The compact design and light weight allow placing the device in a plastic emergency case and using this device everywhere: in clinics, in field conditions, on mobile medical units, in ambulances, etc.

The device is compatible with 5, 10 and 20 ml single-use syringes.

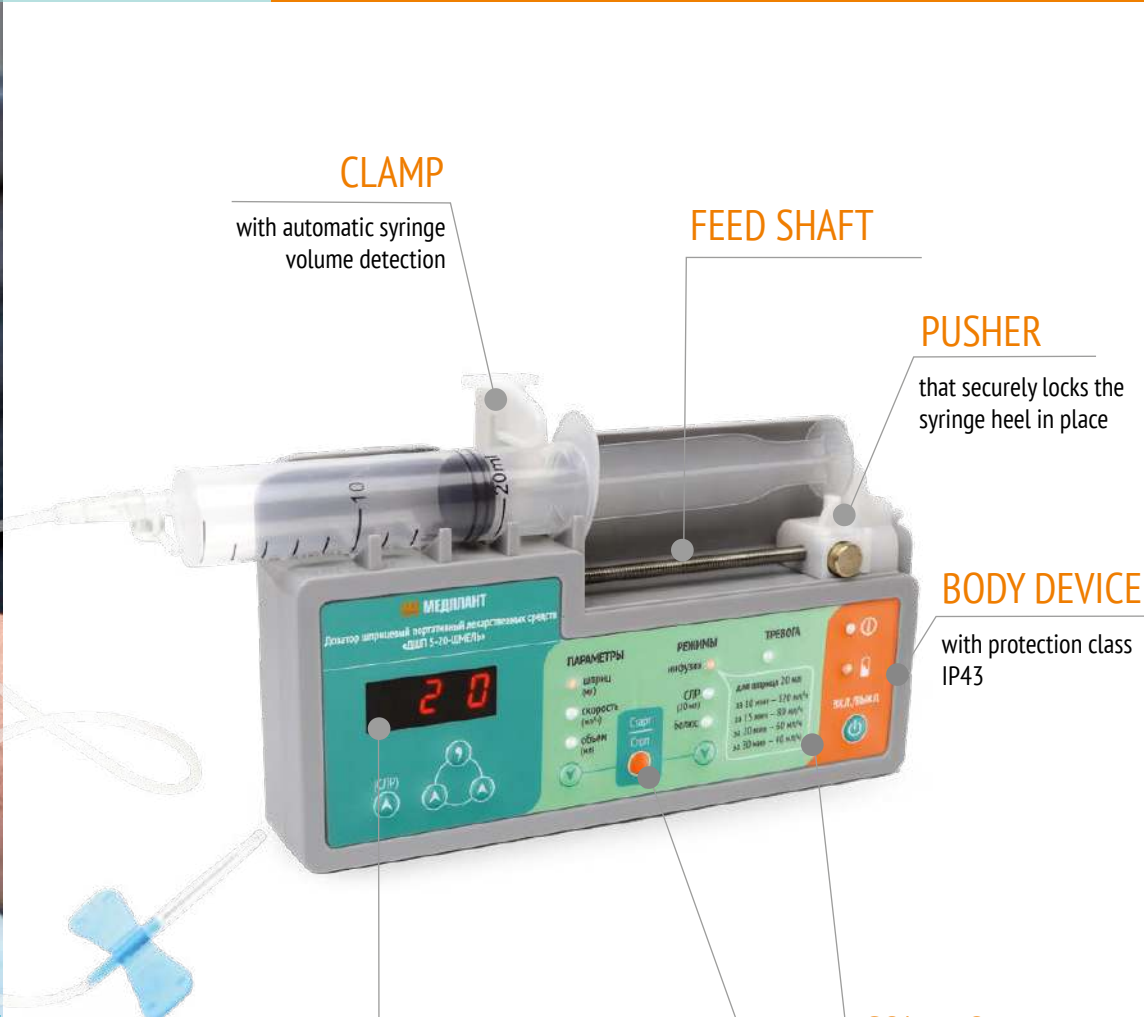


All details and product specifications



- Automatic detection of the nominal syringe volume (5 - 20 ml);
- CPR infusion mode for cardiopulmonary resuscitation;
- Comfortable fixation with the clamp.

SYRINGE DRIVER



CLAMP

with automatic syringe volume detection

FEED SHAFT

PUSHER

that securely locks the syringe heel in place

BODY DEVICE

with protection class IP43

PATENTED CPR MODE

for 20 ml syringes

CONTROL PANEL

equipped with indicators showing the device's status and operating modes

DISPLAY

with three seven-segment indicators to monitor the amount of the injected drug



THERMO-INSULATING CONTAINER WITH AUTOMATIC HEATING AND TEMPERATURE REGULATION OF INFUSION SOLUTIONS TK-“MEDPLANT”

Designed for reaching and maintaining of the operating temperature of infusion solutions during their transportation and temporary storage in ambulance cars.

The thermo-insulating container is a bag made of moisture-proof tent cloth with a heat-insulation frame. The operating algorithm of the thermo-insulating container provides heating of both compartments one after another, however, the priority of the quickest possible achievement of the operating temperature ($34\pm 2^{\circ}\text{C}$) is preserved for the small compartment.

The thermo-insulating container is powered by the car on-board power supply system.

The thermo-insulating container is equipped with a power supply mode selector switch, which allows to maintain its operation in case of car motor shutdown during standby mode.



All details and product specifications



The main feature of thermo-insulating container is availability of two compartments: a large one (designed for 4 vials) and a small one (designed for 2 vials), each of them is fitted with its own heating element and a fan for temperature gradient equalising.

THERMO-INSULATING CONTAINERS



● Chemical disinfection.



FOLDING IV POLE SHR-“MEDPLANT”

Designed for infusions in ambulance cars, field conditions and at home.

The device is a collapsible infusion pole with a folding base fitted with removable textile infusion vial holders which are fixed using special holder hooks.

The pole can be installed on the floor or fixed to stretchers, carts, tables and other surfaces using a clamping bracket included in the scope of supply. Two S-shaped brackets are included in the scope of supply of the pole for vial hanging in conditions not allowing to install the pole.

The pole set is supplied in a convenient textile case with a transportation handle.



All details and product specifications



- Collapsible construction with a folding base.
- Removable holders and hooks are included in the set.
- Possibility to attach to stretchers, carts, tables and other surfaces.

FOLDING IV POLE

HOLDERS

for infusion vials



POLE ELEMENTS



CASE



● Chemical disinfection.



SET OF HOLDERS FOR INFUSION VIALS DF-“MEDPLANT” (INFUSION SET)

Used for attaching infusion vials.

The set includes two textile infusion vial holders and two metal S-shaped brackets with one end used for hanging the vial and the other used for attaching to any appropriate surface (car dashboard, cart frame, bed headboard, etc.).

The holders have two sizes, for 200 and 400 mL vials, and are made of backpack ribbons with velcros for vial fixation.



All details and product specifications



- Possibility to fix to any appropriate surface.
- Vial size colour labelling: blue for 200 ml vials and black for 400 ml vials.
- Storage case is included.

SET OF HOLDERS FOR INFUSION VIALS



● Chemical disinfection.



TEXTILE AND PLASTIC AMPOULE HOLDERS

Used for placing, storing and transporting ampoules in a setup case, a medical bag or separately.

Textile ampoule case is made of waterproof PVC fabric, each ampoule is placed into an individual cell made of elastic ribbon.



All details
and product
specifications

Plastic ampoule case presents a case with such construction that provides good protection of ampoules. Each ampoule is placed into an individual cell providing quick and convenient access to it.



Fitted with labels for notes.

TEXTILE AND PLASTIC AMPULE HOLDERS

TEXTILE

for 7 ml, 22 ml,
32 ml, 120 ml



PLASTIC

for 2-10 ml,
for 5-12 ml



PLASTIC

for 1-2 ml, 5 ml

● Chemical treatment.

AM-32



AM-70



TEXTILE AMPOULE CASES AM

AM-32 and AM-22 ampoule cases are securely fastened with a zipper, while AM-70 and AM-120 ones come with a «Velcro» fastener.

The AM-22 ampoule case is designed for storage of ampoules with the reduced temperature maintenance between +2 °C and +8 °C.

AM-120



AM-22 (isothermic)



AP-2



AP-5



PLASTIC AMPOULE CASES AP/APN

The AP-2 ampoule case is a compact case that holds seven ampoules of 1 and 2 ml, which can be stored even in the breast pocket of a medical gown. The AP-5 case features five slots designed for 5 ml ampoules.

In ampoule case APN-2 every ampoule is placed in an individual cell and has 7 holders for ampoules. Ampoule case APN-10 has 5 holders for ampoules.

APN-2

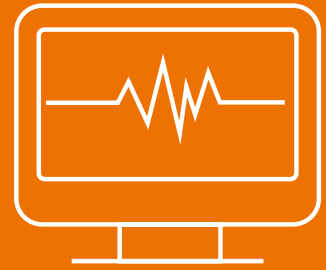


APN-10



4

MONITORING PRODUCTS



- 54 Portable resuscitation CO₂/SPO₂ MONITOR “CAPNOPULSE”
- 56 Portable resuscitation CO₂ monitor “CAPNOTEST-2”/“MINICAP”
- 58 Portable resuscitation SPO₂ monitors (PULSE OXIMETERS) “OXITEST-1 ”/
“OXITEST-2”





PORTABLE RESUSCITATION CO₂/SPO₂ MONITOR “CAPNOPULSE”

Real-time monitoring of physiological parameters.

The device allows to:

Capnography channel (main stream): EtCO₂, FiCO₂, and respiratory rate monitoring, capnogram display.

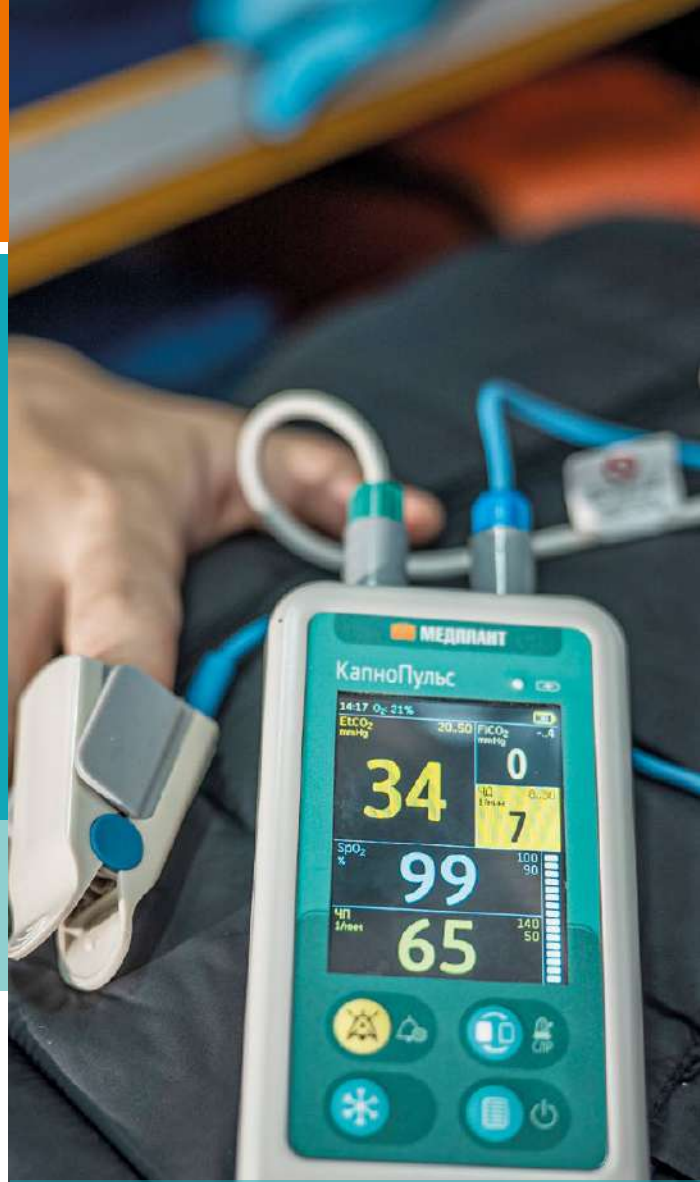
Pulse oximetry channel: SPO₂ and pulse rate monitoring, photoplethysmogram display, indication of low perfusion levels.

It can be powered by a battery, 220 V network and car lighter socket.

Two cases: the main one is for device transportation and component parts which are used often, additional case is for storage the other component parts.



All details and product specifications



A compact device combining the functions of capnograph and pulse oximeter (CapnoTest-2 and OxyTest-2). Functionality and interface are oriented for the extreme medicine providing. It can be used for patients of any age group.

CO₂/SPO₂ MONITOR «CAPNOPULSE»

SCREEN

sensor

«CPR ASSISTANT» MODE

support for cardiopulmonary resuscitation using a metronome for performing compressions

SCREEN TYPE SELECTION

support for cardiopulmonary resuscitation using a metronome for performing compressions

QUICK ACCESS TO ALARM SETTINGS

«FREEZE» MODE

TWO-IN-ONE

automatic detection of connected sensors and adaptation of the interface to single-or dual-channel mode
automatic detection of connected sensors and adaptation of the interface to single-or dual-channel mode



● Chemical disinfection.

4

MONITORING PRODUCTS



PORTABLE RESUSCITATION CO₂ MONITOR “CAPNOTEST-2”/ “MINICAP”

Monitoring the carbon dioxide levels in the main stream.

EtCO₂, FiCO₂, and respiratory rate monitoring, capnogram display.

Functions and interface are intended for emergency medical care. These devices can be used for tracheal intubation control; evaluating the resuscitation effectiveness; the ventilation providing and control; resuscitation monitoring during patient transportation.



All details and product specifications



The device can be used to monitor adults and children in any healthcare institutions or outside them during the professional patient transportation.

CO₂ MONITORS

«CAPNOTEST» /»KAPNOTEST-2»/ «MINICAP»

«CAPNOTEST - 2»



«MINICAP»

ultracompact, lightweight,
travel-size



SCREEN
ORIENTATION
SELECTION

SCREEN TYPE
SELECTION

graph, large digits

● Chemical disinfection.



PORTABLE RESUSCITATION SPO₂ MONITORS (PULSE OXIMETERS) “OXITEST-1”/“OXITEST-2”

Saturation and pulse rate monitoring.

SPO₂ and pulse rate monitoring, photoplethysmogram display, indication of low perfusion levels. Functions and interface are intended for emergency medical care. It can be powered by a battery, 220 V network and car lighter socket. The «gold standard» of pulse oximetry - time-tested reliability and accuracy.



All details and product specifications



The device can be used for patients of any age group.

SPO₂ MONITORS (PULSE OXIMETERS) "OXITEST-1" / "OXITEST-2"



«OXITEST-1»

SENSOR

for adults: «clip» and «soft»
models, for newborns: «cuff»
model



«OXITEST-2»

● Chemical disinfection.

5

DEVICES FOR IMMOBILIZATION AND MEDICAL EVACUATION



- 62 Sets of transport immobilization folding splints of KSHTI-series
- 66 Set of transport ladder splints KSHTL-MP-01
- 68 Foldable traction leg splint SHTS-01-“MEDPLANT”
- 70 Pelvic stabilization belt: reusable PST-“MEDPLANT”/ disposable PSTo-“MEDPLANT”
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SETS OF TRANSPORT IMMOBILIZATION FOLDING SPLINTS OF KSHTI-SERIES

Immobilization and transportation of patients with injuries of upper and lower extremities and cervical spine.

The splints are specially shaped plastic plates with longitudinal and transverse perforations for easy customization to fit any limb length and diameter. The splints are fixed by means of bandages.

The splint-collar is designed to fit both the neck's circumference and height. The splint-collar is secured with a textile strip.



All details and product specifications



- Adjustable for any size.
- Easily and tightly sized based on limb shape and do not require any additional actions.
- Lightweight and compact.
- Radiotransparent.

SETS OF SPLINTS



CERVICAL COLLAR

plastic, multiple-use

SPLINTS

plastic, multiple-use



CERVICAL COLLAR

cardboard, single-use



SPLINTS

cardboard, single-use



SPLINTS

plastic, single-use

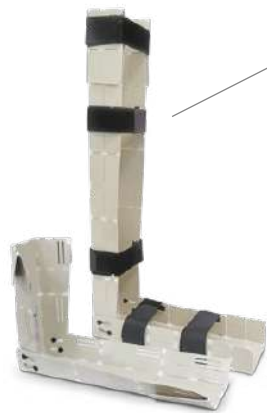


CERVICAL COLLAR

plastic, single-use

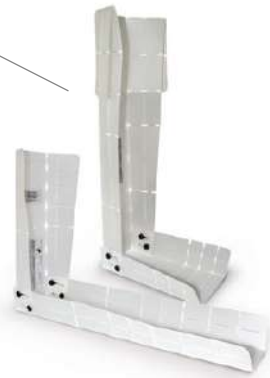
SETS OF SPLINTS

- Transport immobilisation splints for upper and lower limbs



for adults

KSHTI-01



for children

REUSABLE SETS OF TRANSPORT IMMOBILIZATION FOLDING SPLINTS

Made of thick light-colour multiple-use plastic. Each splint is fastened by a packaging sleeve with product labelling.

- Chemical disinfection.

- Transport immobilisation cervical collar



for adults

KSHTI-01



for children

SETS OF SPLINTS

- Transport immobilisation splints for upper and lower limbs



SINGLE-USE SETS OF TRANSPORT IMMOBILIZATION FOLDING SPLINTS

KSHTI-02 is made of cardboard and KSHTI-03 is made of plastic. Single-use design prevents the risk of cross-contamination. Assembly instruction is attached to each splint for convenience.

- Do not require disinfection and repackaging.

- Transport immobilisation cervical collar





SET OF TRANSPORT LADDER SPLINTS KSHTL-MP-01

Immobilization of upper and lower limbs during medical evacuation.

The set includes transportation ladder splints for the upper and lower limbs. The products are a PE-foam wire frame sheathed with a strong PVC fabric.

Unlike classic ladder splints, the KSHTL-MP-01 does not require any additional preparation for operation. All you need to do is to bend the splint in the desired location, to shape it according to the limb shape, and to secure it with bandages.

Absence of hardly-disinfectable velcro fixing elements allows the splints to serve for a long period of time.



All details and product specifications



The splints set is supplied in a convenient fabric pouch with a drawstring and carrying handle.

LADDER SPLINT SET



● Chemical disinfection.



FOLDABLE TRACTION LEG SPLINT SHTS-01-“MEDPLANT”

Immobilization of the lower limb with its simultaneous extension in case of femoral bone fracture.

The traction splint consists of 7 metal elbows securely joined in a sturdy framework.

The elbows are linked by a bungee cord, which allows the splint to be quickly brought into its working position. Below, the design features a limb extension system, equipped with a fixing foot strap. Above, there is a clamping system with a fixing groin strap. Adjustable straps along the splint's length restrain the leg effectively.

The entire structure is packaged and transported in a special case with a check opening.



All details and product specifications



Gradual and controlled mechanical stretching along the limb axis made by the splint allows to prevent post-traumatic movement of bone fragments with their further reliable fixation.

FOLDING TRACTION LEG SPLINT



● Chemical treatment.



PELVIC STABILIZATION BELT: REUSABLE PST-“MEDPLANT”/ DISPOSABLE PST₀-“MEDPLANT”

Immobilization and stabilization of pelvic bones in case of unstable fractures and rupture of ligaments.

The immobilization belt consists of a base, strap, and tightening loop.

The belts are of two variants: disposable and reusable. The disposable ones are made of PVC, reusable ones – of natural cotton and neoprene, while the strap and loop are made of a sling. The belt features a color or digital scale to control its tightness during the belt application. The belt loop is intended for forced support during patient stabilization. The final retainer is a «Velcro» fastener. The device is radiotransparent, compact, strong and easy to use. There are three possible sizes: large, medium and small.

multiple-use



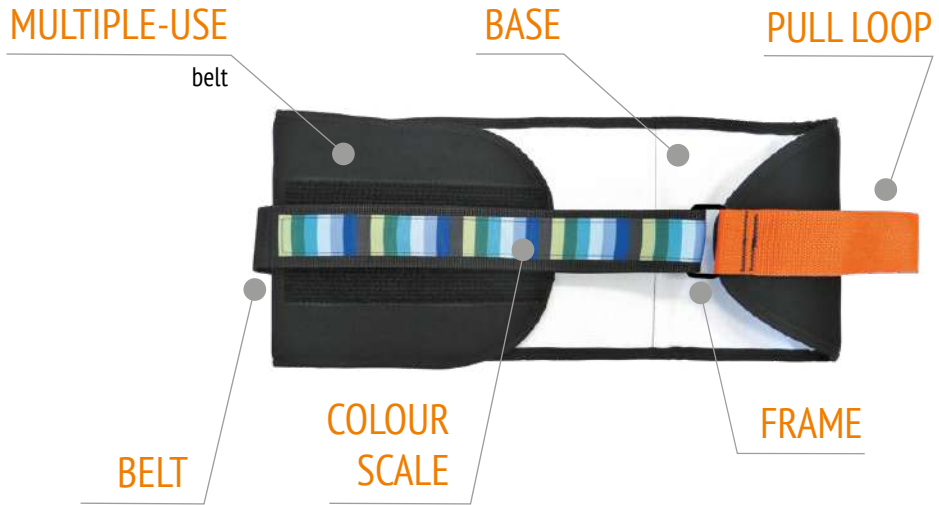
All details
and product
specifications

single-use



It stabilizes the pelvic bones in case of unstable fractures, bones misalignment and ligamentous injury. The device decreases the concealed bleeding and reduces the pain syndrome.

IMMOBILISATION BELT



● Chemical treatment.



PATIENT
ARMRETAINER



PATIENT LEG
RETAINER

SINGLE-USE

belt



DIGITAL SCALE

● Single-use product, not reusable.

5

DEVICES FOR IMMOBILIZATION
AND MEDICAL EVACUATION



CRAVAT BANDAGE PK

For unloading of shoulders and forearms in case of impact injuries, dislocations, upper limb bone fractures, shoulder joint ligament damages as well as during rehabilitation after surgery.

PKv-01 and PKd-01 cravat bandages are made of PVC fabric, disinfection-resistant and are designed for long-term service. They are fitted with a strong and adjustable belt.

PKu-01 universal cravat bandages have the form of a triangular cravat made of cotton fabric which has two colours: white and olive.

All details and product specifications



Convenient and easy to use.

CRAVAT BANDAGE



CRAVAT BANDAGE

PKv-01 for adults



CRAVAT BANDAGE

PKd-01 for children



CRAVAT
BANDAGE

PKu-01 universal (medical cravat)

5

DEVICES FOR IMMOBILIZATION
AND MEDICAL EVACUATION



IMMOBILIZATION SPINE BOARD YXH-1A6A

Immobilization and transportation of patients with injuries of the back, cervical spine, upper and lower limbs.

The spine board is made of durable colored PE, free of impurities and latex. The product materials withstand repeated sanitization and chemical disinfection, without compromising its appearance or durability. The spine board can be positioned on a medical stretcher or used with a vacuum mattress, or independently. The hole in the spine board, located at the patient's lower limbs, enables separate immobilization of the legs and thighs in case of fractures.



All details and product specifications



The board is radiotransparent, its floatability allows to use it for rescue operations on water. A large number of holes in the board allows to quickly and conveniently fix injured persons of any body constitution using a system of belts.

IMMOBILISATION SPINE BOARD

HEAD IMMOBILIZER
FGS-01 MEDPLANT



SPINE BOARD

BELT SYSTEM
RS-01

● Chemical disinfection.



DEVICE FOR PATIENT'S MOVING UP-“MEDPLANT” MATTRESS-SLIDER MODEL NO.1/ MATTRESS-SLIDER MODEL NO.2, SLIDE SHEET

For moving the lying patients from one surface to another
(bed, wheelbarrow, surgical table, manipulating table, etc.)

The mattress-slider does not occupy much place, easily folded
and quickly unfolded.

The surface the patient is lying on shall be flat and rigid. The
height difference between the wheelbarrow and the surface
shall not exceed 10 cm.



All details and product specifications



The slider makes it easy to move
patients for the medical staff and
creates comfort and safety for
patients.

MATTRESS-SLIDER



BASE
model No.1



REPLACEMENT COVER
model No.2



SLIDING SHEET



● Chemical disinfection.



FRAMELESS STRETCHERS “PLASCH”

Frameless stretchers are essential for the patients transporting in cramped or confined areas where traditional rigid stretchers cannot fit.

The stretcher canvas is crafted from a durable, low-maintenance material. It is water-resistant, impervious to moisture, and resistant to bacteria, fungi, stains, and rot.

The stretcher comes with sturdy slings for patient fixation and ergonomic handles designed to evenly distribute the weight over the entire length.

All stretchers come with covers for easy storage.



All details and product specifications



The stretchers are compact after folding and are therefore convenient for fitting small first-aid stations and mobile units.

FRAMELESS STRETCHERS «PLASCH»

RESCUE
BLANKET

only for model 4



STRAP
FIXATION
SYSTEM

TRANSPORTATION
HANDLES

● Chemical disinfection.

FRAMELESS STRETCHERS «PLASCH»

MODEL 1



MODEL 1U



FRAMELESS STRETCHERS «PLASCH»

Model 1 is made of strong PVC tent fabric. Model 2 is made of strong lightweight synthetic fabric with water-resistant coating.

Models 1U and 2U are fitted with a leg support.

MODEL 2



MODEL 2U



MODEL 3



MODEL 4



PLASCH FRAMELESS STRETCHERS

Model 3 is made of strong PVC tent fabric and designed for operations in mass destruction areas.

Model 4 is made of strong light-weight "Oxford 240" synthetic fabric with a water-resistant coating and a heat-insulation layer. The stretchers are stitched with belt sling, the handles are made of a belt sling with PVC tube coating. Model 5 is made of light-weight strong synthetic fabric with water-resistant coating, fitted with loop handles made of belt slings.

MODEL 5





EVACUATION SLEDGES “VOLOKUSHI” MODEL NO.1/ MODEL NO.2

Safe and reliable evacuation of wounded casualties unable to move independently during tactical or other emergencies.

Evacuation sledges «VOLOKUSHI» are a flexible carrier with system of fixation straps. They slide smoothly over various surfaces that makes easier the evacuation process for rescuer and more comfort for patient.

The system of fixation straps provides a reliable patient stabilization and protects the patient during transportation.

All details and product specifications



Quick to deploy and they do not require additional assembling. Evacuation may be performed by a single person.

VOLOKUSHI STRETCHERS

VOLOKUSHI STRETCHERS MODEL 1

(standard)



CASE

may be attached
to backpacks



VOLOKUSHI STRETCHERS MODEL 2

(compact)



CASE

may be attached
to backpacks



● Chemical disinfection.



INJURED PERSONNEL CARRIER RUP- “MEDPLANT”

For transporting an injured person on the rescuer's back.

The device is a system of lockable straps to secure the injured on the rescuer's back. The device is designed with padded shoulder supports to ensure the rescuer's comfort. Straps can be easily adjusted to fit the patient's height using specialized buckles. To prevent improper securing of the patient, the control zones are clearly marked.



All details and product specifications



Easy to use and compact device.

INJURED PERSONNEL CARRIER



● Chemical disinfection.

6

PLASTIC CASE FOR EMERGENCY DOCTOR



- 88 Plastic medical case of UPM-N series
- 90 Plastic cases of UPM-series





PLASTIC MEDICAL CASE OF UPM-N SERIES

For storage and transportation of medications, medical instruments, bandage materials, etc.

The device presents the plastic case made of heavy-duty heat-resistant orange plastic with a comfortable molded handle and secure locks.

The bottom of the case is solid and wear-resistant. The top of the case is made in the form of flaps opening to the sides, in which the trays are installed, maintaining a constant vertical orientation, which prevents the contents from overturning when the case is opened.

- Heat-resistant plastic
- Upgraded ampoule storage system
- Increased volume
- Max. weight - 4 kg
- Flat upper part of the setup



All details and product specifications



Plastic case - transformer is distinguished with the possibility of replacing the lodgments in the leaves with updated ampoules. The ampoules are added, a flashlight (optional), fixators for a shoulder strap and a manipulation table with the possibility of fixation to the plastic case. Dimensions: 514x260x324. Withstands a load of up to 200 kg.

PLASTIC CASES OF UPM-SERIES

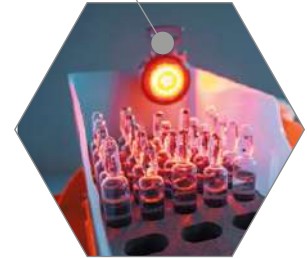
SMOOTH SURFACE

without stuck out elements

CONCEALED CLAMPING DEVICES

keep your clothes clean

FLASHLIGHT



MANIPULATING TABLE

can be fixed on any vertical surface of the case

LODGMENTS



CARRYING STRAP

AMPOULE CASE FOR MEDICATIONS

1-2 ml and 5-10 ml volume

EXTERNAL POUCH

- Chemical disinfection.

6

PLASTIC CASE FOR
EMERGENCY DOCTOR



PLASTIC CASES OF UPM-SERIES

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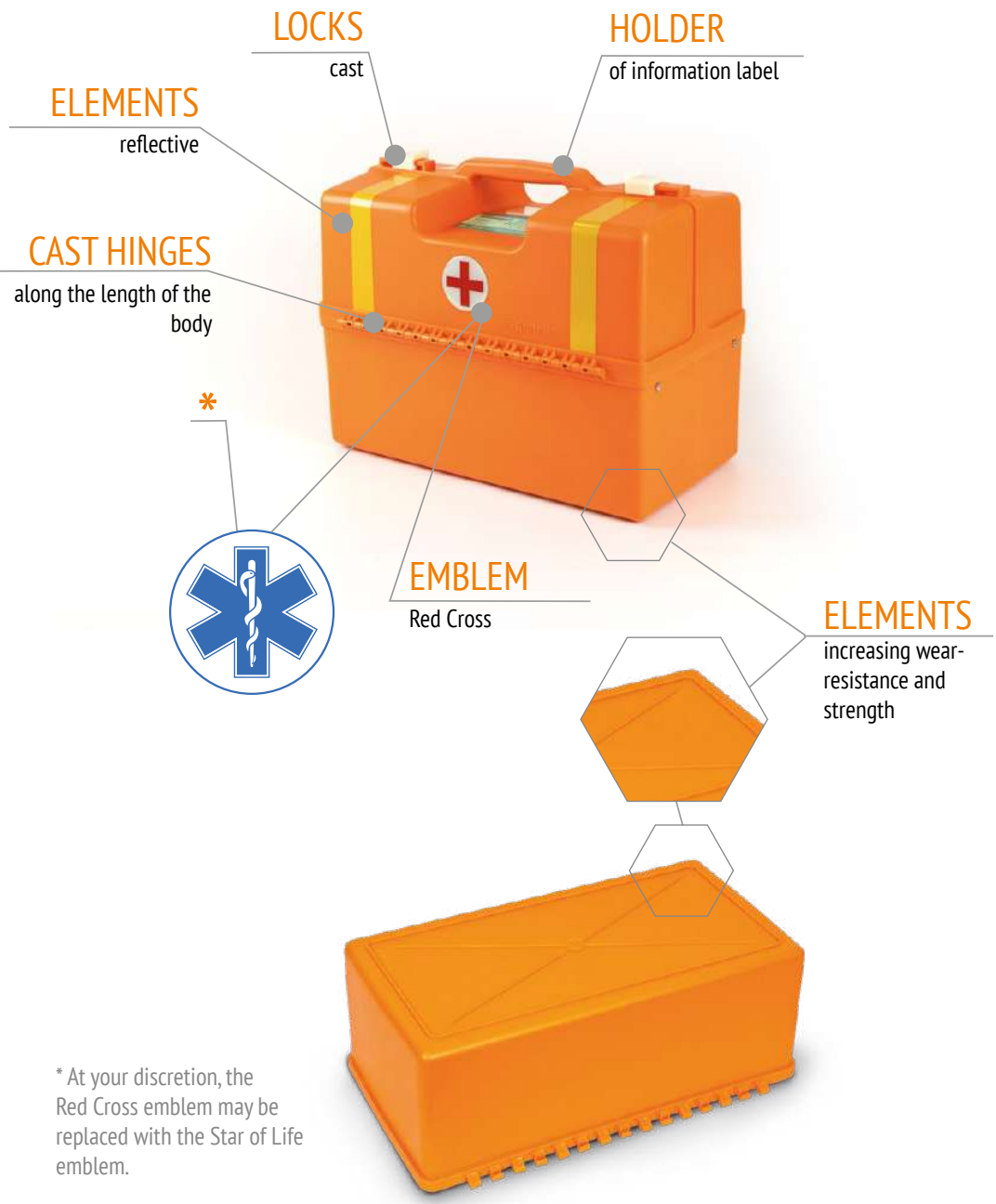
The bottom of the case is solid and wear-resistant. The top of the case is made in the form of flaps opening to the sides, in which the trays are installed, maintaining a constant vertical orientation, which prevents the contents from overturning when the case is opened.

All details and product specifications



Orange emergency plastic case is equipped with comfortable, vandalism proof handle and locks which prevent its spontaneous opening during the transportation.

PLASTIC CASES OF UPM-SERIES



● Chemical disinfection.

MEDICAL PLASTIC CASE WITH HIGH FLAPS UPM-P2



MEDICAL PLASTIC CASE
UPM-P/2

Case is perfect for placing a large resuscitation kit.



● INSERTS FOR MEDICAL CASES



INSERTS FOR MEDICAL CASES



7

BAGS, BACKPACKS, VESTS



- 96 Universal bags of SMU-series
- 100 Universal bags of SR-series
- 102 Collapsible universal bags of SUR/SURt-series
- 104 Universal backpacks of RMU-series
- 106 Universal backpacks of RVU-series
- 110 Universal devices of "VOLUNTEER"-series
- 112 Load bearing vests ZHR-01



7

BAGS, BACKPACKS, VESTS



UNIVERSAL BAGS OF SMU-SERIES

For assembling, packaging, storing and transportation of medical sets.

The universal bags are made of water-resistant PVC fabric which is easily disinfectable. The special bag structures provide reliable protection for all contents as well as their accessibility.

All details and product specifications



All bags are fitted with reflective elements, places for attaching the chevrons, the holder for the information label for writing down the crew number or other information.



● Chemical disinfection.

SMU-01



SMU-02



UNIVERSAL BAGS OF SMU-SERIES

All bags are fitted with reinforced zippers and rubber-impregnated bottoms additionally prolonging the product's service life.

SMU-03



SMU-04



UNIVERSAL BAGS

SMU-04.0



SMU-04.3



UNIVERSAL BAGS OF SMU-SERIES

A large number of internal and external pockets provides the convenient placement of medical products and personal belongings; if necessary, additional insert cells may be installed on the bag bottom.

SMU-05



SMU-06



7

BAGS, BACKPACKS, VESTS



UNIVERSAL BAGS OF SR-SERIES

For assembling, packaging, storing and transportation of medical sets.

The universal bags are made of water-resistant PVC fabric which is easily disinfected. The special bag structures provide reliable protection for all contents as well as their accessibility. All bags are fitted with reinforced zippers and rubber-impregnated bottoms additionally prolonging the product's service life.

A large number of internal and external pockets provides the convenient placement of medical products and personal belongings; if necessary, additional insert cells may be installed on the bag bottom (not included).

All details and product specifications



Rigid frame and built-in ampule case.

UNIVERSAL BAGS



REFLECTIVE STRIP

HANDLES
for transportation

WINDOW
for tags



STRAP
shoulder

AMPOULE
HOLDER
built-in



FEET

● Chemical disinfection.

7

BAGS, BACKPACKS, VESTS



COLLAPSIBLE UNIVERSAL BAGS OF SUR/SURt-SERIES

The bags are designed for assembling, packaging, storing and transportation of medical kits.

The special bag structures provide reliable protection for all contents as well as their accessibility. The universal bags are made of water-resistant synthetic fabric which is stable for treatment and disinfection. The bag frame is closed by the textile fastener of “Velcro” type and additionally fixed by straps.

Contents can be placed in a removable module and also in an extensional pocket made of net. The bags are equipped with reflecting elements (except bags of “olive” colour), that provides the work safety in low light conditions.

All details and product specifications



Bags are equipped with handle and shoulder strap which can be transformed into the fastener to the car head support.

COLLAPSIBLE UNIVERSAL BAGS



● Chemical disinfection.

7

BAGS, BACKPACKS, VESTS



UNIVERSAL BACKPACKS OF RVU-SERIES

For placing, storing and transportation of medical equipment and personal belongings.

Universal backpacks RVU are made of water-resistant PVC fabric, processing-resistant and designed for long service life. The backpacks have internal and external pockets as well as removable modular compartments for placement of different contents. Wide and soft shoulder belts and handles provide the convenient carrying.



All details and product specifications



Well-organised backpack space provides quick and convenient access to the set content.

UNIVERSAL BACKPACKS

HANDLES

for transportation



FEET

RMU-01

STRAPS

shoulder



RMU-02

STRIPS

reflective

MODULES



RMU-04

● Chemical disinfection.

7

BAGS, BACKPACKS, VESTS



UNIVERSAL BACKPACKS OF RVU-SERIES

For placing, storing and transporting medical equipment and personal belongings.

Universal backpacks RVU are made of water-resistant synthetic fabric "Cordura 1000D", processing-resistant and designed for long service life. The backpacks have internal and external pockets as well as removable modular compartments for placement of different contents. Wide and soft shoulder belts and handles provide the convenient carrying.



All details and product specifications



A well-organized space of backpack provides fast and comfortable access to the contents of the sets.



● Chemical disinfection.

UNIVERSAL BACKPACK RVU-01



BACKPACKS OF RVU-SERIES

All backpacks are fitted with a modular storage system.
RVU-02 is equipped with a cart.

UNIVERSAL BACKPACK RVU-02



UNIVERSAL BACKPACK RVU-03



BACKPACKS OF RVU-SERIES

The RVU-03 backpack is equipped with a self-dropping system and consists of two independent backpacks: a small and a large one.

UNIVERSAL BACKPACK RVU-04





UNIVERSAL DEVICES OF "VOLUNTEER"-SERIES

For placing, storing and transportation of medical equipment and personal belongings.

Universal devices of "Volunteer"-series are made of water-resistant synthetic fabric, processing-resistant and designed for long service life. The devices have internal and external pockets as well as removable modular compartments for placement of different contents. Wide and soft shoulder belts and handles provide the convenient carrying.

Well-organised space provides quick and convenient access to the set content.



All details and product specifications



Three available colours.

UNIVERSAL BACKPACKS



● Chemical disinfection.



LOAD BEARING VESTS ZHR-01

For placement, storage and transportation of special and personal property.

Load-bearing vests ZHR are compact and multi-functional products fitted with all necessary devices for placing, storing and transportation of special and personal property.

The vest construction comprises net structures allowing the ventilation of the under-vest space and protecting the user from heatstroke and ingress of moisture through the vest. Special buckles with the belts on the shoulders and the vest sides allow to adjust the size based both on the volume and the user's height.



All details and product specifications

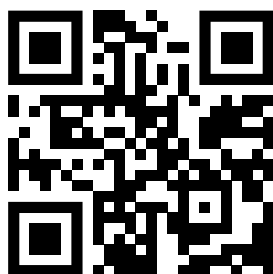
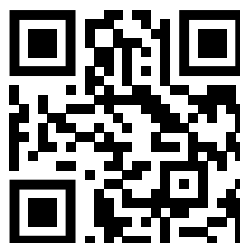


Availability of a rigid strap on the vest allows to fix pouches with additional equipment to vests.

LOAD-BEARING VESTS



● Chemical disinfection.



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