

CATALOGUE

english

MEDICAL DEVICES FOR EMERGENCY CARE



MEDPLANT
manufacturing company





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 the license for the production of medical devices, 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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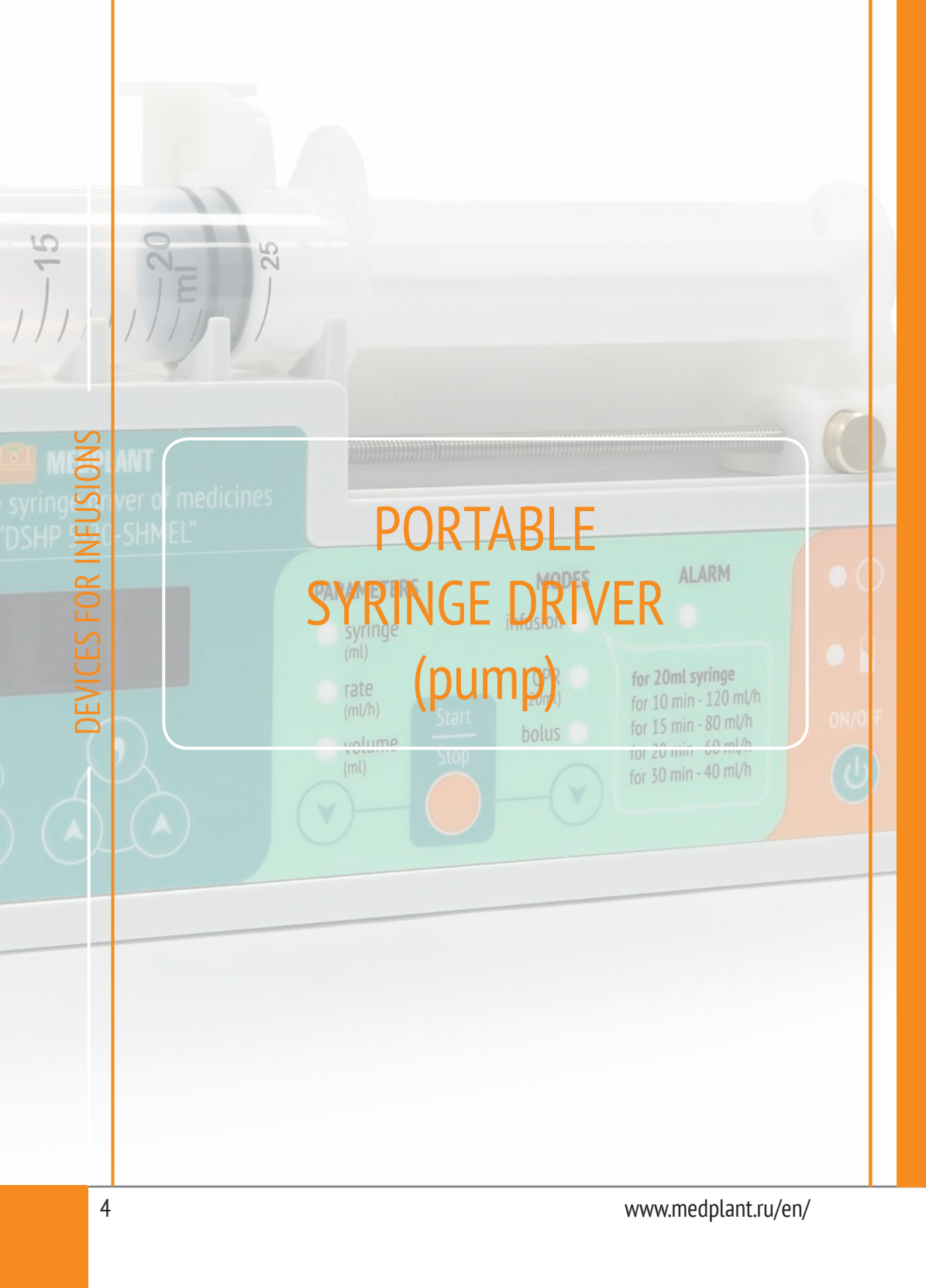


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PORTABLE SYRINGE DRIVER (pump)



Portable syringe driver (pump) "DSHP 5-20-SHMEL"



The driver is intended for longtime and precise dosing of medicine.

- Supercompact, lightweight and cost-effective
- Easy to operate, simple control interface
- Autodetection of fill volume of syringe
- Accepts a wide range of syringe sizes: 5-20 mls
- Infusion mode during CPR



PORTABLE RESUSCITATION
MONITOR CO₂

Portable resuscitation monitor CO₂ "CAPNOTEST"

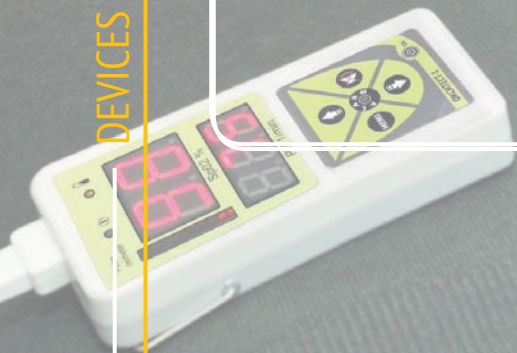
Portable resuscitation monitor CO₂ "CAPNOTEST" is intended for measuring concentration of carbon dioxide (CO₂) in respiratory gas and respiratory rate (RR) measuring.

- Mainstream capnometry without sampling
- Quick warming-up, self-driven mode till 6 hours
- Compact, hand-held, lightweight
- Has special display mode for first-aid measures
- Comprehensive setting system of interface, trends, alarms
- Wireless access to central station, remote data viewing
- Allows monitoring on the widest range of patients, from neonates to adults



DEVICES FOR MONITORING

PORTABLE PULSE OXIMETER WITH SELF-CONTAINED POWER



Portable pulse oximeter with self-contained power "OXITEST-1"



Portable device for non-invasive continuous monitoring of saturation and pulse rate.

- Electronic security from power surges
- Electronic security from incomplete battery charge
- Stable saturation indication at low pulse strength and move actions
- Alarm system for signal quality, probe absence, finger absence in the probe
- Separate volume control of alarm signal and pulse
- Three types of power supply: accumulator, mains supply
- Two probes are available
- Steel cramp for fixation on the car console
- Large and bright indication





PORTABLE ASPIRATOR
WITH MECHANICAL DRIVE

Portable aspirator with mechanical drive APM-MP-1



Is used to aspirate any liquid from patient's upper airways and lungs during the resuscitation at the scene of accident and/or transportation.

- Quick vacuum generation (70 kPa)
- Aspiration of thick liquid with large particles (up to 2 l/min)
- Possibility to connect aspiration catheters of different sizes
- Easy-removable comfortable liquid collector with overflow protection (capacity- 0.3 l)
- Reusable, portable and autoclavable
- High-strength and lightweight design



MANUAL ARTIFICIAL RESPIRATING UNITS



Manual artificial respirating units represent a set of devices, implements and instruments for resuscitation and manual ventilation.

- Reusable usage
- With / without aspirator
- Three sizes:
 - Adult • Pediatric • Neonatal



**THERMO-INSULATING
CONTAINER WITH
AUTOMATIC HEATING AND
TEMPERATURE REGULATION**

Thermo-insulating container with automatic heating and temperature regulation TK-“MEDPLANT”



Is used for heating and temperature maintenance of infusion solutions during transportation and temporary storage in ambulances.

- Provides the heating of cold infusion solutions
- Maintains the working temperature of solutions
- Has improved thermal insulating values
- Energy consumption from in-vehicle mains supply isn't more than 4A



FOLDING IV POLE



Is used for the delivery of fluid therapy in ambulance cars, field environment and at home.

- Folding design with collapsible basis
- Removable holders and hangers are available
- Possibility of fixation to stretchers, medical carts, tables and other surfaces
- Comfortable and compact pouch for storage



AMPOULE CASES

Plastic ampoule cases AP



- 5 places for 5 ml ampoules
- 7 places for 1ml and 2 ml ampoules



Fabric ampoule cases AM



- 32 places for ampoules
 - 70 places for ampoules
 - 120 places for ampoules
 - 22 places for ampoules (used for ampoules storage with reduced temperature maintenance in range of +2...+8 °C)
- Inserts for notes are available.







Compression tourniquet (original tourniquet with a bobbin) is used for arterial bleeding control at trauma of upper or lower extremity.

- Provides reliable bleeding control and dosed compression
- Brings minimum pain
- Suitable for self-care
- Has built-in time scale for fixing time of application
- Has minimal weight and size



ZHK-01-“MEDPLANT”



ZHK-02-“MEDPLANT”

SETS OF TRANSPORT
IMMOBILIZATION FOLDING
SPLINTS AND COLLARS
(reusable, plastic)

Sets of transport immobilization folding splints and collars KSHTI-01-“MEDPLANT” (reusable, plastic)



Is used for immobilization and transportation of patients with injures of upper and lower extremities and cervical spine.

- Made of high-impact plastic
- Compact and lightweight
- Easy to use
- Radiotransparent
- Assembly instruction on every splint
- Competitive price



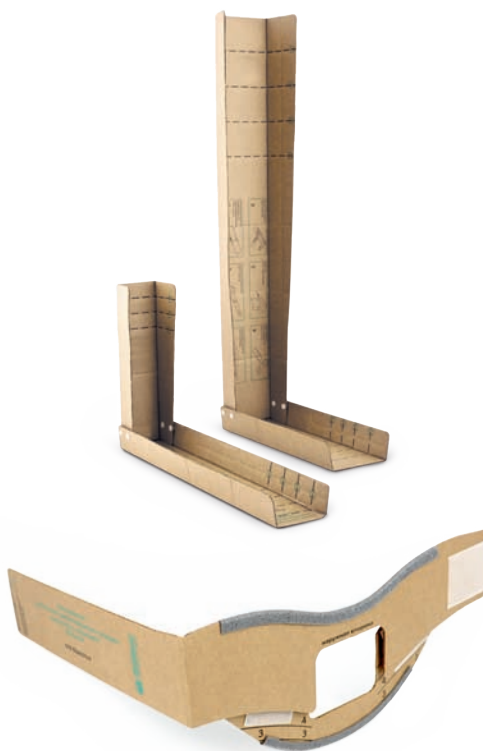
SETS OF TRANSPORT
IMMOBILIZATION FOLDING
SPLINTS AND COLLARS
(single-use, carton)

Sets of transport immobilization folding splints and collars
 KSHTI-02-“MEDPLANT” (single-use, carton)



Is used for immobilization and transportation of patients with injures of upper and lower extremities and cervical spine.

- Made of strong carton
- One unit fits any size
- Compact and lightweight
- Radiotransparent
- Assembly instruction on every splint
- Single-use only



SETS OF TRANSPORT
IMMOBILIZATION FOLDING
SPLINTS AND COLLARS
(single-use, plastic)

Sets of transport immobilization folding splints and collars KSHTI-03-“MEDPLANT” (single-use, plastic)

DEVICES FOR IMMOBILIZATION



Is used for immobilization and transportation of patients with injures of upper and lower extremities and cervical spine.

- Made of high-impact plastic
- One unit fits any size
- Compact and lightweight
- Radiotransparent
- Assembly instruction on every splint
- Single-use only



A blue transport ladder splint is shown on a bed. A patient's leg is immobilized within the splint, secured with white bandages. The splint is positioned on a white sheet, and a dark sock is visible on the floor next to it. The background shows a hospital room with a white cabinet and a window with a white curtain.

SETS OF TRANSPORT LADDER SPLINTS



Is used for immobilization and transportation of patients with injures of upper and lower extremities.

- Made of extra-strong steel framework coated with strong PVC fabric
- Suitable for immobilization of fracture of the shoulder
- Disinfected with cleaning solution
- Fabric bag for storage is available





TRACTION
LEG SPLINT

Traction leg splint SHTS-“MEDPLANT”



Is used for immobilization of lower extremity with its simultaneous distraction at hip fracture.

- Relieves pain
- Prevents further damage to surrounding blood vessels and nerves
- Comfortable fixation system
- Easily adjustable
- Fabric bag for storage is available





PELVIC STABILIZATION BELT

Pelvic stabilization belt PST“MEDPLANT”



Is used for immobilization and stabilization of pelvic ring at unstable fractures and ligament tears.

- Compact, strong, easy-to-use
- Radiotransparent
- Three sizes: large, medium, small
- Compression control with the help of scale of colors





TRIANGULAR
BANDAGE



Is used for shoulder and forearm unloading in case of bruises, sprains, fractures of upper extremities, ligamentous injures of shoulder-joints and for rehabilitation after operative measures.

- Triangular bandage for adults PKv-01
- Triangular bandage for children PKd-01
- Triangular bandage of general use PKu-01 (medical triangular scarf)

PKv-01



PKu-01



PKd-01





IMMOBILIZATION SPINE BOARD WITH HEAD IMMOBILIZER AND BELT SYSTEM (SET)

Immobilization spine board with head immobilizer and belt sistem (set)

Is used for immobilization and transportation of patients with injures of upper and lower extremities, back and cervical spine.

- Radiotransparent
- Floating
- Equipped with folding head immobilizer
- Equipped with belt system with height adjustment



FRAMELESS STRETCHERS

Frameless stretchers "PLASCH"



Are used for patient transportation in limited space where usual stretchers cannot be used.

- Standard
- Lightweight
- Compact
- For carrying of sitting patients
- Load carrying with shoulder straps
- Reinforced (up to 150 kg)





EVACUATION
SLEDGES

Evacuation sledges "VOLOKUSHI"

DEVICES FOR EVACUATION



Are used for evacuation of immobile patients in conditions of natural disasters, road accidents and other emergency situations.

- Two sizes: standard and compact
- Comfortable design
- Evacuation by one person (hands-free belt system)
- Made of high-strength material
- High level of gliding



VOLOKUSHI
(compact, model №2)

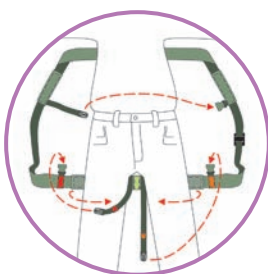
VOLOKUSHI
(standard, model №1)

INJURED PERSONNEL CARRIER



Is used to carry an injured person hiker long distances.

- Comfortable design
- Height adjustment
- Extremely compact and lightweight
- Fabric bag for storage is available



EMERGENCY PLASTIC CASE



Is used for storage and transportation of medicines, medical instruments, dressing materials and other medical devices which are used by emergency teams.

- Highly durable and temperature-resistant ABS plastic
- Comfortable handle and locks
- Tray liner for ampoules



BAGS OF GENERAL USE



Bags of general use

BAGS, RUCKSACKS



Bags are made of strong PVC fabric, water-resistant and easy to disinfect. The special construction of the bags provides reliable protection of all enclosures and allows for an easy access to them. The bags are equipped with reinforced zip fastener and rubber-impregnated bottom.



SMU-01



SMU-02



SMU-06



SR-3



RUCKSACKS OF GENERAL USE

Rucksacks of general use



Rucksacks are made of water-repellent synthetic PVC fabric, have outer and inside pockets and modular system. Wide and soft shoulder straps and handles provide the comfortable carrying.



RMU-04



RVU-01



RVU-03



KITS FOR FIRST AID





First aid kits are made of synthetic fabric and have the reflective elements that provide safety during the night time. Kits have the “Velcro” fixing elements for removable modules. First aid bags SUR-01, SURt-01 and Rucksack “Volunteer-4” have the outer and inside pockets and also the modular system. Rucksack “Volunteer-4” has a handle for carrying in vertical position and shoulder straps with the regulation for the device carrying on the back.



First aid bag “Volunteer-3”



Rucksack “Volunteer-4”



First aid bag SUR-01



First aid bag SURt-01



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