



CATALOG 2023

EGO
ZLÍN





EMERGENCY SYSTEM





PATIENT FIXATION AND IMMOBILIZATION

Fixation means are adapted to anatomical proportions, increase the comfort of the patient and ensure perfect fixation and stabilization of injured body parts in the required position.

The materials from which the devices are made are permeable to X-rays and completely washable and disinfectable. The high-quality design of the products guarantees a long service life even in intensive use and enables immediate use in the field. The fixation means can be manufactured according to the specific needs and requirements of users. It is available in the basic color of red or khaki.

ES-10 VACUUM ARM SPLINT

Technical parameters:

- dimensions: 67 x 35,5 cm
- weight: 500 g



ES-11 VACUUM LEG SPLINT

Technical parameters:

- dimensions: 100 x 69 cm
- weight: 1 500 g



ES-14 CHILD-SIZED VACUUM ARM SPLINT

Technical parameters:

- dimensions: 54 x 32 cm
- weight: 400 g



ES-15 CHILD-SIZED VACUUM LEG SPLINT

Technical parameters:

- dimensions: 73 x 54 cm
- weight: 700 g



ES-16 VACUUM LEG SPLINT WITH FOOT SUPPORT

Technical parameters:

- dimensions: 134 x 69 cm
- weight: 1 600 g



EM-10/2 VACUUM MATTRESS SINGLE-CHAMBERED IN WASHABLE COVER

The design is adapted for perfect fixation and stabilization of the whole body in the required position, especially the area of the spine and pelvis. An integral part of the mattress is a separate fully washable cover, which can be easily replaced, if necessary, thus extending the life of the mattress. Transport handles ensure easy manipulation for operating personnel.

Technical parameters:

- dimensions: 200 x 80 cm
- weight: 6 kg



EM-10/7 VACUUM MATTRESS MULTI-CHAMBERED

The vacuum mattress with 14 internal chambers (preventing unwanted movement of the inner filling) allows perfect fixation and immobilization of the whole body of the patient, especially the spine and pelvis. The mattress includes five color fixation straps, including a strap for head fixation, and eight comfort handles for better patient transport and manipulation. The removable lower part of the mattress can also be used separately as a rescue sheet.

Technical parameters:

- dimensions: 200 x 80 cm
- weight: 6,5 kg



EM-10/7 RS VACUUM MATTRESS MULTI-CHAMBERED WITH INTEGRATED SHEET

The design of the vacuum mattress with 14 internal chambers ensures perfect fixation of the whole body, which is necessary for injuries of the spine and pelvis, with the subsequent possibility of transport. A part of the vacuum mattress is a protective pad, which is firmly connected to the mattress. Patient fixation is ensured by 3 fixation straps. Eight transport handles allow easy manipulation for operating personnel.

Technical parameters:

- dimensions: 200 x 85 cm
- weight: 6 kg



EM-10/7 RL VACUUM MATTRESS MULTI-CHAMBERED WITH INTEGRATED BOTTOM

The construction of the mattress is adapted for fixing the patient's entire body, especially the spine and pelvis. The inner filling of the mattress is distributed in special chambers preventing the unwanted transfer of the filling, which significantly shortens the preparation for the use of the mattress. Eight carrying straps and three Velcro fastening straps are sewn around the perimeter of the vacuum mattress.

Technical parameters:

- dimensions: 200 x 85 cm
- weight: 4,5 kg





TRANSPORT MEANS

TRANSPORT RESCUE SHEET VP-10

Intervention means intended for transport of the patient both for shorter and longer distances. It is also used to transport the patient in confined spaces (stairs, elevators, etc.) and to transport the patient in all medical facilities.

Dimensions: 204 x 70 cm

Weight: 1,5 kg

Load capacity: 140 kg

Accessories: carrying bag for transport rescue sheet VP-12



TRANSPORT RESCUE SHEET FOR SEATED PATIENT VP-20

Intervention means intended for transport seated patient in confined spaces (stairs, elevators, etc.) and for transport of the patient in all medical facilities.

Dimensions: 92 x 45 x 36 cm

Weight: 0,5 kg

Load capacity: 140 kg

Accessories: carrying bag for transport rescue sheet VP-21



TRANSPORT RESCUE SHEET XXL VP-40

Intervention means intended for transport of bariatric patient both for shorter and longer distances. It is also used to transport the patient in confined spaces (stairs, elevators, etc.) and to transport the patient in all medical facilities.

Dimensions: 204 x 140 cm

Weight: 3,6 kg

Load capacity: 280 kg

Accessories: carrying bag for transport rescue sheet VP-41





VACUUM TRANSPORT MEANS

PEDIATRIC RESTRAINT AND TRANSPORT SYSTEM

WITH INTEGRATED INSERT EZS-10

Intervention means designed primarily for the safe transport of a child patient in ambulance. It includes a five-point clamping system, a replaceable vacuum or lamella insert and a system for attachment to the construction of medical stretchers.

Sliding pelvic harness is for optimal clamping of the patient according to body dimensions, front belt is for better fixation of the head, integrated vacuum insert is for fixation and transport in secured position. The attachment to the transport stretchers is ensured by six side straps with strength clips. Eyelets on the underside are for securing with seat belts from stretchers.

Dimensions: 110 x 57 cm

Weight: 4,2 kg

Max. weight and size of the patient: 22 kg, 130 cm

Accessories: Manual vacuum pump ES-20



PEDIATRIC RESTRAINT AND TRANSPORT SYSTEM BASIC EZS-10/R

Pediatric system is primarily designed for the safe transport of a child patient in ambulance vehicles.

Sliding pelvic harness for optimal clamping of the patient according to body dimensions, front belt for better fixation of the head, integrated vacuum insert for fixation and transport in the secured position. The attachment to the transport stretchers is ensured by six side straps with strength buckles. Sliding eyelets on the underside are for securing with seat belts from stretchers.

Dimensions: 110 x 57 cm

Weight: 2,9 kg

Max. weight and size of the patient: 22 kg, 130 cm





EMERGENCY SYSTEM

PERINATOLOGICAL BAG FOR NEW-BORNS EPV-10

Perinatalogical bag is a vacuum fixation device intended for an increase of the new-born's safety during transport in incubators or for a transfer of the new-born outside this area. The bag reduces unwanted movement of the new-born in case of unexpected complications on the road, reduces shocks and vibrations on the child during the transport in an ambulance. It is recommended for new-borns with a maximum weight of 5 kg.

The specific cut-out of the sides at the level of the child's head and torso allows monitoring and full access to the head, chest and limbs when it is fully fixed.

The choice of the materials used increases the thermal comfort of the new-born when removing and transporting the new-born even outside the transport incubator. It is suitable for CT and X-ray examinations.

Accessories:

- Fixation straps for bag EPV-10, EPV-10/1
- Fixation straps with hooks for bag EPV-10, EPV-10/2
- Repair kit with a spare upper part of vacuum valve EPV-22
- Transport bag for Perinatalogical bag EPV-21
- Manual vacuum pump ES-20

Dimensions: 60 x 28 x 15 cm (l x w x h)

Weight: 1 kg



PERINATOLOGICAL BAG S FOR NEW-BORNS EPV-10/S

Perinatalogical bag is a vacuum fixation device intended for an increase of the new-born's safety during transport in incubators or for a transfer of the new-born outside this area. The bag reduces unwanted movement of the new-born in case of unexpected complications on the road, reduces shocks and vibrations on the child during transport in an ambulance. It is recommended for new-borns with a maximum weight of 2 kg.

The specific cut-out of the sides at the level of the child's head and torso allows monitoring and full access to the head, chest and limbs when it is fully fixed.

The choice of the materials used increases the thermal comfort of the new-born when removing and transporting the new-born even outside the transport incubator. It is suitable for CT and X-ray examinations.

Accessories:

- Fixation straps for bag EPV-10, EPV-10/1
- Fixation straps with hooks for bag EPV-10, EPV-10/2
- Repair kit with a spare upper part of vacuum valve EPV-22
- Transport bag for Perinatalogical bag EPV-21
- Manual vacuum pump ES-20

Dimensions: 44 x 28 x 15 cm (l x w x h)

Weight: 0,6 kg





RUCKSACKS, BAGS, MEDICAL CASES

Specially developed means are designed for storage and transfer of medical material in the field in the provision of pre-hospital care. All products are made of durable and easily washable materials, and are classified as medical devices. We supply special rucksacks equipped according to valid regulations.



RUCKSACK CPR LARGE

The rucksack is intended for storing a wide range of rescue equipment. Two-chambered construction complemented with a dividing partition for clear storage of smaller equipment. The most commonly used equipment is quickly available, without the need to unzip the entire rucksack. Quick access to diagnostic equipment, infusion set, ampoule, and oxygen cylinder valve. Thanks to a system of release sleeves, there is a variable interior layout. Shoulder straps equipped with a special cover sheet, which protects them from dirt and damage when it is not in use.

Dimensions: 40 x 29 x 62 cm

Weight: 4,4 kg

Volume: 42 l

TYP ER-55/M

Inner removable cases:

- 2 pcs, red - 17 x 13 x 8 cm
- 1 pc, red - 34 x 13 x 8 cm
- 3 pcs, black - 34 x 13 x 8 cm
- 2 pcs, blue - 46 x 11 x 8 cm
- oxygen cylinder holder,
- bag for ampoules

TYP ER-55/F

Inner removable cases:

- 4 pcs, black - 17 x 13 x 8 cm
- 2 pcs, black - 34 x 13 x 8 cm
- 2 pcs, blue - 46 x 11 x 8 cm
- oxygen cylinder holder



RUCKSACK CPR SMALL

The rucksack is intended for storing a wide range of rescue equipment. It is a single-chambered construction with removable cases of various sizes. Velcro fastening of cases allows variable interior layout. The shoulder straps are equipped with a special cover sheet, which protects them from dirt and damage when it is not in use.

Dimensions: 40 x 18 x 62 cm

Weight: 3,8 kg

Volume: 32 l

TYP ER-50/M

Inner removable cases:

- 4 pcs, red - 17 x 13 x 8 cm
- 2 pcs, blue - 46 x 11 x 8 cm
- oxygen cylinder holder
- bag for ampoules

TYP ER-50/F

Inner removable cases:

- 2 pcs, red - 17 x 13 x 8 cm
- 1 pc, red - 34 x 13 x 8 cm
- 4 pcs, black - 17 x 13 x 8 cm
- 2 pcs, black - 34 x 13 x 8 cm
- bag for ampoules



OXY RUCKSACK ER-30

Professional resuscitation rucksack „OXY“ is intended for rescuers and doctors, with easy access to stored equipment.

The rucksack is designed for oxygen cylinders with a volume of 2 l with an integrated valve and a hose. There is also space for a ventilator; there is a pocket for storing other medical material inside and outside, such as rubber gloves, thermal foil and others. Possibility of clamping of any medical stretchers to the construction.

Dimensions: 38 x 18 x 54 cm

Weight: 2,3 kg



RESCUE RUCKSACK ER-20

The rucksack is used to store a wide range of rescue equipment.

It is a single-chambered construction and the storage space is solved by color-coded cases. The rucksack can be equipped according to Decree No. 341/2014 Coll.

Dimensions: 30 x 20 x 55 cm

Weight: 1,5 kg

Volume: 18 l



EMERGENCY RUCKSACK ER-10

The rucksack is used to store a wide range of rescue equipment.

It is a special unfolding construction, while the storage space is solved by removable transparent cases of various sizes. The interior equipment includes an oxygen cylinder holder and an ampoule bag. The rucksack is equipped with reflective straps.

Dimensions: 40 x 23 x 65 cm

Weight: 3,75 kg

Volume: 30 l



BAG FOR BANDAGE, SPECIAL EK-20/N

Compact two-chambered bag is intended for storing dressing material. The lower chamber is divided by removable partitions; there is a removable placed holder for a cylinder with a volume of 2 l. Upper chamber with removable stored three transparent cases, netted pockets and loops, closable with a tarpaulin including flat pockets. The bag includes a removable shoulder strap (adjustable in length), carrying straps with leatherette handle and reflective tapes.

Dimensions: 49 x 29 x 30 cm

Weight: 2,4 kg



PARAMEDIC BAG EK-30

The paramedic bag is used to store medical material and it distinguishes mainly in the number of separate closable cases, which vary by colour.

The outer perimeter of the bag is lined with three zippered pockets. Inside the bag, there are four color-coded transparent zippered pockets. Three more transparent pockets are in the space between the inner partition and the lid of the bag, this space can be closed by Velcro. The bag has shoulder straps for comfortable carrying on the back.

Dimensions: 30 x 10 x 30 cm

Weight: 0,5 kg

Volume: 7,5 l



CASE FOR BANDAGE EK-10

The case is used for clear storage of bandage material, surgical instruments, etc. Interior equipment is attached through a number of loops. The case is made of solid and abrasion-resistant material with a coating for easy maintenance.

The case can be equipped according to Decree No. 341/2014 Coll.

Dimensions: 60 x 15 x 40 cm

Weight: 2,2 kg

Volume: 26 l



BAG FOR DOCUMENTS WITH COLOR PAD ED-20

The bag for documents including four color pads for triage is intended especially for ambulances for storing records and necessary documentation. Reflective tape and pocket on the front outer side, two longitudinal pockets for storing cards, four color pads stored in binder, red pad integrated into the bag construction, loop for pen. It is made of strong and abrasion-resistant material with allow easy maintenance.

Dimensions: 29 x 4,5 x 33,5 cm

Weight: 1,4 kg



BAG FOR DOCUMENTS ED-10

The bag for documents is intended mainly for ambulances for storing records of treated patients and the documentation.

Reflective tape and pocket on the front outer side, handle for transfer, storage space for documents, loop for pen, pockets for business cards, metal binding for clamping solid documents, perforated foils and papers, solid pad. It is made of strong and abrasion-resistant material with a coating for easy maintenance.

Dimensions: 29 x 4,5 x 35,5 cm

Weight: 0,9 kg



AMPULARIUM A-2/10

The ampularium for emergency service is designed for up to 81 ampoules. It includes 3 sizes of rubber bands for the smallest ampoules (adrenalin, noradrenalin) to the largest ampoules (MgSO₄, Isoket). The middle part consists of transparent pockets for cannulas, syringes, patches, etc. It is complemented by special loops for scissors or pens. It is made of strong and abrasion-resistant material with a coating for easy maintenance.

Dimensions: 31 x 10 x 23 cm

Weight: 0,8 kg



BAG FOR BANDAGE EK-20

Compact two-chambered bag is for storing bandage. The lower chamber is divided by removable partitions; the upper chamber can be closed with a tarpaulin with two zippers, there are clamping loops and netted pockets. The interior is made of soft material with a coating for easy maintenance; the exterior is made of solid and abrasion-resistant material with coating. The bag includes a removable shoulder strap (length-adjustable) and carrying straps with leatherette grip.

Dimensions: 45 x 24 x 27 cm

Weight: 1,5 kg



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PROTECTIVE COVERALL ESP-20

Cat. III, Type 4B, 5 & 6

Coverall offers you a higher reliable protection against dust, fibres, particles, liquid mist and biological risks.

For your best protection this coverall:

- has elasticated thumb loop attached to the end of the sleeve
- Ideally suited for overhead work when extreme arm movements are required. It prevents the suit sleeve from riding up.
- has a self-adhesive zipper flap with integrated chin flap
- has tight seams
- has antistatic treatment
- is lint free

Design:

- elasticated hood, cuffs and ankles for good fit of garment
- openings
- ergonomic hood
- elasticated waist for better fit of garment
- self-adhesive chin flap
- self-adhesive zipper flap
- tight seams
- elasticated thumb loop



Application Samples:

Clean up operation (e.g. asbestos recycling), decontamination of contaminated land and industrial plants, handling of solid and liquid hazardous substances, inspection works, tank- & sewer cleaning, agriculture, food industry, pharma & chemical industry, police investigation, coating/ moulding of resin (e.g. epoxy), nuclear industry, automotive industry, clean room.

The protective coverall is in conformity with the relevant European Union harmonisation legislation provisions of the Regulation EU 2016/425.

EN 14605:2005, EN 13034:2005 + A1:2009, EN ISO 13982-1:2004 + A1:2010, EN 14126:2003, EN 1149-5

The PPE is subject to the conformity assessment procedure Module C2, council Regulation (EU) 2016/425, either conformity to type based on internal production control plus supervised product checks at random intervals under the supervision of the notified body CENTRO TESSILE COTONIERO e ABBIGLIAMENTO S.p.a., no. 0624.





PROTECTIVE SET EMP-10 with protective hood EOK-10

Protective biological and chemical suit with a positive-pressure hood provides optimal protection against dust, solid particles, aerosols and biological dangerous substances. The protective suit is classified in category III, of type 4B, 5 and 6, and meets the requirements of the standards: EN 14605:2005, EN 14126:2003, EN ISO 13982-1:2004, EN 13034:2005.

Protective suit:

- design:
 - elasticated sleeves, ankles and waist
 - self-adhesive zipper flap
 - adaptable crotch
 - lamination of sewn seams
- material: laminated microporous foil + lamination layer
- antistatic treatment
- easy to decontaminate
- CE marking

Protective positive-pressure hood:

- high level of respiratory protection against life-threatening environmental impacts
- inner space is secured by positive pressure supplied by a filter-ventilation unit equipped with combined filters, and placed on the user's belt
- filter-ventilation unit supplies a sufficient amount of filtered air (160 dm³/min)
- filter-ventilation unit is equipped with a visual and acoustic warning signal
- battery guarantees min. operating time 4 hours
- acceptable value of inner positive pressure is ensured by one-way pressure relief valve
- large-area visor allows great view
- easy to decontaminate



self-adhesive chin flap



*elasticated thumb loop
is part of sleeve*



elasticated ankles





PROTECTIVE HOOD AGAINST BIOLOGICAL AGENTS EOK-10

Positive-pressure protective hood with a supply of filtered air protects the head of the user who enters the environment of biological agents. An integral part of the hood is a filter-ventilation unit, operation of which creates the positive pressure inside the hood. It ensures high level of protection and comfort for the user. The filter-ventilation unit is placed on the user's belt.



- hood respects different size and shape of the user's head, wearing glasses, etc.
- inner positive pressure providing protection for the user
- filter-ventilation unit supplies a sufficient amount of filtered air with a volume flow of 160, 185 or 210 dm³/min according to the user's choice – used with combined filter of class 1
- when using particulate filters, the volume flow of 160, 185, 210 or 235 dm³/min can be selected
- quality of the filtered air is ensured by filters of class P3 or ABEK P3
- battery guarantees min. operating time 4 hours
- correct value of inner positive pressure is ensured by a one-way pressure relief valve
- large-area visor allows great view
- head cross providing high level of comfort
- tightness of the product is ensured by hermetic seams

Technical specification:

- weight of hood: ca. 1100 g (without filter-ventilation unit, filters)
- weight of filter-ventilation unit:
- PROFLOW 2SC – 1650 g (with 2 pcs of TH3 filters marked according to EN 12941)
- Chemical 2F Plus – 1000 g (including standard battery)

Material:

- hood: fabric coated on both sides with butyl rubber
- visor: polycarbonate th. 2,0 mm
- seams: sewn, coated on the outside with rubber compound
- easily decontaminated, meets the same requirements as for the material of protective positive-pressure clothing according to standards ČSN EN 14126, ČSN EN 943-1



The protective hood provides the highest level of protection.

The hood was certified by accredited testing laboratory according to the ČSN EN 12941/A2 standard.



FULL-BODY PROTECTIVE SUIT EOBO-20/P

The full-body protective suit with integrated hood and exchangeable gloves provides optimal protection against radioactive particles, dust, liquid organic and concentrated inorganic chemicals (even under pressure), against biologically dangerous substances and military warfare agents. It is included in category III, type 3B and meets the requirements of standards EN 1149-1, EN 14126, EN 1073-2.

- thanks to the new multi-layer system, the inner surface of the fabric is pleasant to touch
- double lapel on the front of the suit is sealed by the Velcro
- large-area visor provides perfect view
- user protection is ensured by internal positive pressure
- filter-ventilation unit supplies a sufficient amount of filtered air (160 dm³/min)
- distribution of the filtered air directly to the respiratory system
- the battery guarantees a min. operating time of 4 hours
- the filter-ventilation unit is equipped with a visual and acoustic signal warning of its discharge
- the quality of the filtered air is ensured by combined filters
- overall structure design of the suit allows users to use it repeatedly in exercises or training of medical staff

Protective set EOBO-20/P:

- full-body chemical and biological suit with integrated hood
- filter-ventilation unit
- combined filter, 2 pcs
- latex gloves, 2 pairs
- protective boots, 1 pair
- bag for biological waste, 1 110 x 700 mm, 2 pcs
- transport packaging for set





PROTECTIVE BIOLOGICAL AND CHEMICAL SUIT EBO-10

The EBO-10 suit with a supply of filtered air allows the user to enter the environment where there is a risk of hazardous biological, chemical, or harmful substances. The protection of the inside of the suit is ensured by the positive pressure supplied by a filter-ventilation unit, hung on a belt inside the suit.



- user protection is ensured by internal positive pressure
- air supply through a fixed air channel attached to the cross of the head and to the hood of the suit
- filter-ventilation unit CleanAir Chemical provides a sufficient amount of filtered air (option to choose from 4 air flow rates : 160, 185, 210, 235 l/min)
- the battery guarantees an operating time of at least 6 hours while the battery is fully charged at the lowest air flow rate
- filter-ventilation unit pocket with a display checking values
- the quality of the filtered air is ensured by appropriate filters located outside the suit
- the optimum value of the internal positive pressure is ensured by one-way pressure relief valves
- large-area visor
- special hermetic zipper
- colour: red, khaki

Material:

- overalls: both sided Polyamide (PA) fabric coated with elastomeric mixture based on butyl rubber
- visor: Polymethyl Methacrylate (PMMA)
- boots: mixture of Polyvinyl Chloride (PVC) and nitrile rubber with a non-slip pattern, reinforced toe, and insole
- green rubber gloves: nitrile rubber
- black rubber gloves: butyl rubber
- seams: sewn, insulated outer side with elastomeric mixture

EU Certificate No. 22 0512 T/NB issued in the compliance with the Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC (Module B), for personal protective equipment of category III.



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BIO-BAG EBV-30/40 IN-CH

A mobile device of a negative pressure mode intended for a transport of a person suspected with a highly contagious disease, or a person affected by biological agents, transported from the place of contamination to a facility intended for the treatment of such affected persons. In a positive pressure mode, it is possible to use the Bio-bag to protect the patient during transport from the environment.



MAIN ADVANTAGES:

- large windows for easy monitoring of the patient's health
- pairs of sleeves with replaceable gloves enabling basic procedures to be performed during transport
- reliable patient fixation system during transport
- self-supporting system in the form of a folding aluminium frame with the possibility of fixing to the means of transport
- large inlet port for connection of respiratory support devices, inlet ports for routing infusion tubing, drains and ECG electrode cables
- padded back pad for greater patient comfort
- easy maintenance, easy decontamination
- increased plane of opening the hermetic zipper for easier opening and closing of the bag
- suitable for use in CT and X-ray

TECHNICAL PARAMETERS

- **dimensions in active state:**
203 x 64 x 56 cm (l x w x h)
- **weight without packaging:**
18,5 kg
- **folded Bio-bag in bag:**
weight: 21 kg
dimensions: 96 x 30 x 62 cm (l x w x h)
- **folded Bio-bag in rucksack:**
weight: 23 kg
dimensions: 70 x 28 x 98 cm (l x w x h)
- **load capacity:**
150 kg

CERTIFICATION:

- EN 143/A1:2006
- EN 12941:1998/A2:2008
- EN 12942:1998/A2:2008



BIO-BAG EBV-30/40 IN-CH

- work in the negative pressure or positive pressure mode with the possibility of quick mode change
- greater height of the isolation cabin increases the comfort of the transported patient



negative pressure mode



positive pressure mode



filters for air inlet/outlet



filter-ventilation unit
allows use of 4 speeds of the airflow



colour display
shows the speed of the airflow, the degree of clogged filters and battery charge status



sleeves with gloves
easy replacement of gloves, including cover cases



hermetically sealable pocket
for additional insertion of things into the Bio-bag



transport rucksack
for better manipulation during transport



transport bag
for storage in the folded state





BIO-BAG EBV-30/40 IN-CH INCLUDING FIXATION STRAPS FOR AIR RESCUE SERVICE

A mobile device of a negative pressure intended for a transport of a person suspected of a highly contagious disease, or a person affected by biological agents, transported from the place of contamination to a facility intended for the treatment of such affected persons. In a positive pressure, it is possible to use the Bio-bag to protect the patient during transport from the environment.



MAIN ADVANTAGES:

- large windows for easy monitoring of the patient's health
- three pairs of sleeves with replaceable gloves enabling basic procedures to be performed during transport
- reliable patient fixation system during transport
- self-supporting system in the form of a folding aluminium frame with the possibility of fixing to the means of transport
- large inlet port for connection of respiratory support devices, inlet ports for routing infusion tubing, drains, and ECG electrode cables
- padded back pad for greater patient comfort
- easy maintenance, easy decontamination
- increased plane of opening the hermetic zipper for easier opening and closing of the bag
- suitable for use in CT and X-ray
- filter-ventilation unit contains a barometric sensor to ensure that the operation of the unit adapts to the altitude

TECHNICAL PARAMETERS

- **dimensions in active state:**
203 x 64 x 56 cm (l x w x h)
- **weight without packaging:**
18,5 kg
- **folded Bio-bag in bag:**
weight: 21 kg
dimensions: 96 x 30 x 62 cm (l x w x h)
- **folded Bio-bag in rucksack:**
weight: 23 kg
dimensions: 70 x 28 x 98 cm (l x w x h)
- **load capacity:**
150 kg

CERTIFICATION:

- EN 143/A1:2006
- EN 12941:1998/A2:2008
- EN 12942:1998/A2:2008



BIO-BAG EBV-30/40 IN-CH

- work in negative or positive pressure with the possibility of quick mode change
- greater height of the isolation cabin increases the comfort of the transported patient

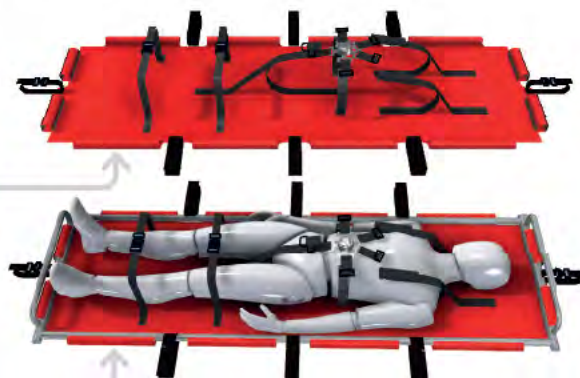


1. air inlet/outlet construction components
2. negative pressure
3. positive pressure
4. colour display shows the speed of the airflow, the degree of clogged filters, and battery charge status
5. special safety buckle system
6. sleeves with gloves easy replacement of gloves, including cover cases
7. metal safety buckles are used to be fixed to transport stretcher



FIXATION STRAPS OF BIO-BAG EBV30/40 IN/CH FOR AIR RESCUE SERVICE, ACCORDING TO CS-23 REGULATION

- in case of sudden braking, the straps immediately catch and secure the lying patient, with minimal shift in the direction of the head or legs
- five straps are used – 2 x shoulder, 2 x lumbar, 1 x central- connected by the special central 5-point safety metal buckle
- 2 straps with metal safety buckle fix the legs
- outer 8 fixations straps with metal safety buckle are used to be fixed to transport stretcher





INSULATOR ON INFLATABLE TUBULAR CONSTRUCTION - EITU-10

It is used for fast and effective temporary isolation of a person with a suspected infectious disease (negative-pressure mode) or a person for whom it is necessary to provide protection from the external environment (positive-pressure mode). The purpose is to create an isolated protective space (room). The Insulator is designed for indoor use. Mainly, it is used in medical facilities and by units of emergency services. It can be easily extended with a decontamination module.



- The Insulator is structurally designed as a closed cabin on the inflatable tubular construction, equipped with one filter-ventilation unit, which creates the negative or positive pressure mode in the Insulator.
- A hospital bed and other accessories can be placed in the Insulator.
- Materials used are impermeable to water, everything is easily disinfected.
- **The set consists of:**
 - inflatable cabin,
 - compressor,
 - 1x filter-ventilation unit,
 - transport bag.

DIMENSIONS

Active state (L x W x H):

2,9 x 2,4 x 2,25 m

Folded state (L x W x H):

1,0 x 0,75 x 0,4 m

Usable area: ca. 5 m²

Weight (incl. accessories):

60 kg

Inflation time: up to 2 min.



compressor



pocket for inserting items



filter-ventilation unit



manipulation with the Bio-bag in the Insulator premises



INSULATOR ON TUBE CONSTRUCTION – EITR-10

Insulator is a mobile device intended for the necessary isolation of a person suspected of a dangerous infectious disease (negative-pressure mode) or a person for whom it is necessary to provide protection from the external environment (positive-pressure mode).

The purpose is to create an isolation protective space (room). The Insulator is designed for indoor use.

The maintenance-free tube construction makes it possible to keep the Insulator in serviceable condition for a long time. It can be used for an increase of the capacity of infectious beds in medical facilities and facilities for elderly people.

MAIN ADVANTAGES

- easy and fast installation
- increased protection for nursing staff
- easy access to the patient/client
- plenty of space for placing the bed and patient/client care
- easy visual monitoring of the patient/client
- openings in the walls for connecting devices
- possibility to switch between the negative and positive pressure mode
- easy decontamination and maintenance
- compact packaging, easy storage



DIMENSIONS

Active state: 2,8 x 2,2 x 2,2 m

Folded state: 0,6 x 0,6 x 0,3 m

Weight: 60 kg

- The set consists of:
 - cabin,
 - metal construction,
 - filter-ventilation unit,
 - set of filters,
 - transport bag.
- Time of putting it into operation: ca. 1 hour.
- The design of the Insulator allows easy handling of the patient/client in the Bio-bag.
- Dimensionally designed to allow the connection of decontamination showers.
- The materials used are impermeable to water, everything is easily disinfected.

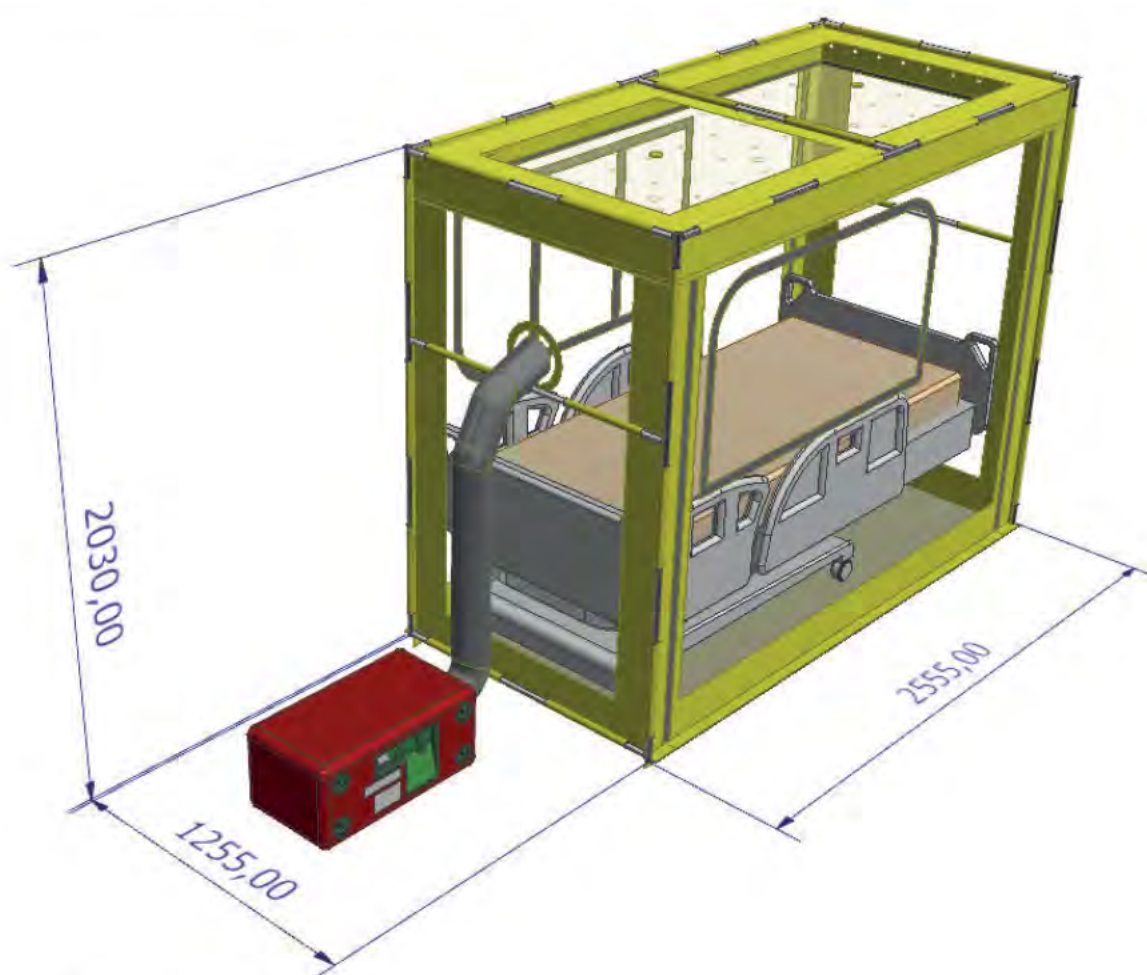


ISOLATION NEGATIVE/POSITIVE PRESSURE BED

In a negative pressure mode, it serves to isolate a patient with a suspected contagious disease effectively. It closes the high-risk zone and protects the patient's surroundings as well as personnel. In a positive pressure mode, on the other hand, it protects the patient from possible infection found in the environment. It is used in medical facilities and facilities intended for elderly people.

MAIN ADVANTAGES

- easy and quick installation
- increased protection of personnel
- easy access to the patient/client
- compatible with all commonly used types of hospital beds
- easy visual monitoring of the patient/client
- openings in the walls for connecting devices
- possibility to switch between the negative and positive pressure mode
- easy decontamination and maintenance
- compact packaging, easy storage



- The set consists of:
cabin, metal construction,
filter-ventilation unit,
set of filters,
transport bag.
- Putting it into operation time: ca. 15 min.
- Materials used are impermeable to water, everything is easily disinfected.



BIOBOX ON TUBE CONSTRUCTION - EBX-06

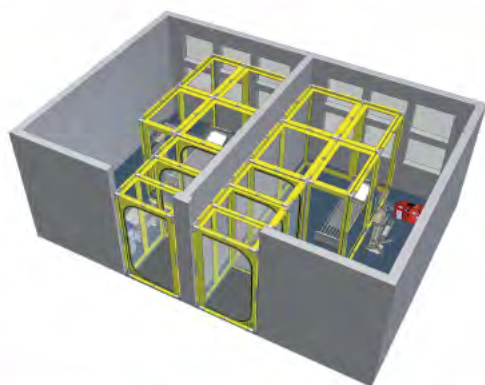
The Biobox EBX-06 is a device designed for the isolation and hospitalization of persons with a highly contagious disease and intended primarily for medical facilities. It effectively closes the high-risk zone and protects the personnel and the surrounding from the infectious patient.



MAIN ADVANTAGES

- easy installation, maintenance-free construction
- high-performance filter-ventilation unit
- HEPA filter with built-in UV source, which destroys trapped organisms in the contaminated air; filtration efficiency is 99,995%
- input ports for connecting the necessary medical apparatus from outside the device
- possibility of decontamination of personnel or equipment in the connected decontamination module
- even air distribution through the double roof

The Biobox EBX-06 on tube construction was clinically tested in Teaching Hospital Na Bulovce in Prague and is included in the category of medical devices. It provides BSL-3 standard of protection.



Filter-ventilation unit



Decontbox, tank for decontamination liquids

INDIVIDUAL SYSTEM APPLICATION

The construction principle of the Biobox allows it to be adapted exactly to the requirements of the isolation ward where it will be installed. Thanks to this, it is possible to create an insulating part of infection workplace, while maintaining all the necessary conditions of patient care.



Input ports for connection of necessary equipment



Installation in the isolation ward



BIOBOX ON INFLATABLE TUBULAR CONSTRUCTION - EBXT-06

The Biobox EBXT-06 isolation chamber on an inflatable tubular construction is a mobile insulating device intended for the isolation and hospitalization of persons with a highly contagious disease. The protective function of the Biobox is based on the creation of a negative pressure mode inside the isolation chamber, which prevents from spreading the highly contagious disease to the surrounding environment.

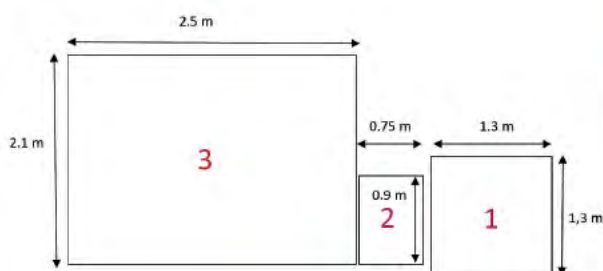


MAIN ADVANTAGES

- quick installation and serviceability within 15 minutes by two persons
- high-performance filter-ventilation unit
- HEPA filter with built-in UV source, which destroys trapped organisms in the contaminated air; filtration efficiency is 99.995%
- input ports for connecting the necessary medical apparatus from outside the device
- possibility of decontamination of personnel or equipment in the connected decontamination module
- even air distribution through the double roof

The Biobox EBX-06 on tubular construction was clinically tested in Teaching Hospital Na Bulovce in Prague and is included in the category of medical devices of class I. It provides BSL-3 standard of protection.

Ground plan outline of entire assembly internal dimensions



1. chamber of the Biobox
2. transition chamber of the Biobox
3. decontamination module of the Biobox



Filter-ventilation unit



Decontbox, tank for decontamination liquids



Input ports for connecting the necessary equipment



Compressor for fast inflation



MOBILE INFECTIOUS ISOLATION WORKPLACE ES-56 - EBXT

Mobile infectious isolation workplace ES-56 - EBXT consists of an inflatable tent ES-56 and of a BIOBOX on tubular construction. The workplace is used to isolate and treat a person with highly contagious disease. The purpose is to create a safe isolation space on the principle of a negative pressure, protecting the environment from infected patients placed in the isolation chamber. It is suitable for use in field conditions without the possibility of safe transport of the infected patient to the hospital.

- putting it into operation within 30 minutes by two people thanks to tubular inflatable construction without reinforcement
- optimal negative pressure inside the tent
- HEPA filter with built-in UV source that destroys trapped organisms
- filtration efficiency is 99,995%
- special internal installation, including decontamination module, made of PVC material
- the possibility of decontamination of personnel or equipment in the integrated decontamination module at the exit
- technical input for installation of interior equipment

TECHNICAL DATA

inflatable tent

ES-56L/T

- external dimensions (l x w x h): 10,0 x 6,0 x 3,0 m
- effective workplace: 50 m²
- weight: ca. 200- 240 kg
- time of inflation: ca. 4 min.

decontamination module

Biobox - EBXT-06

- external dimensions (l x w x h): 1,7 x 1,7 x 2,45 m
- weight: ca. 28 kg
- time of inflation: ca. 1 min.

isolation and transition chamber

Biobox - EBXT-06

- external dimensions (l x w x h): 3,65 x 2,5 x 2,45 m
- weight: ca. 75 kg
- time of inflation: ca. 2 min.



RECOMMENDED ACCESSORIES

- filter-ventilation unit
- Decontbox
- compressor
- rubber mat





BioCab4 ON INFLATABLE TUBULAR CONSTRUCTION EBCT

Isolation negative-pressure chamber BioCab4 EBCT is a mobile device intended for short and long-term hospitalization of persons with a highly contagious disease, which meets the highest required level of technical security BSL-4. Thanks to the use of a filter-ventilation unit and supplying the isolation chamber with air, it does prevent leakage of dangerous biological agents.

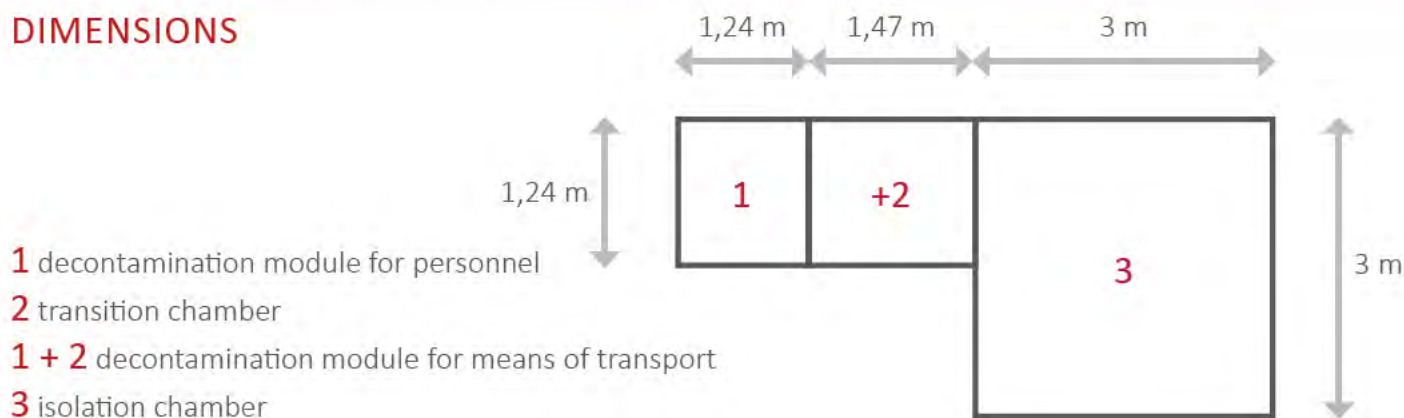


MAIN ADVANTAGES

- installation and serviceability within 15 min. by two persons
- using HF welding and a hermetic zipper at the entrance of the isolation chamber: a fully hermetic isolation chamber is achieved
- filter-ventilation unit that extracts and cleans contaminated air from the isolation chamber and at the same time supplies clean and oxygenated air back to the chamber
- HEPA filter with built-in UV radiation source that destroys trapped organisms in passing contaminated air, filtration efficiency 99.995%
- input ports for connecting necessary medical devices from the outside
- in addition to decontamination of personnel or equipment, the possibility to decontaminate the means of transport (e.g., Bio-bag) in which the infected person is taken out of BioCab4 during secondary transport
- regular exchange of contaminated air from the isolation chamber thanks to the use of double ceiling
- additional equipment for monitoring negative pressure, CO₂, temperature, and humidity in the isolation chamber

The BioCab4 EBCT was clinically tested in Na Bulovce University Hospital in Prague and is classified as a Class I medical device. It provides BSL-4 standard of protection.

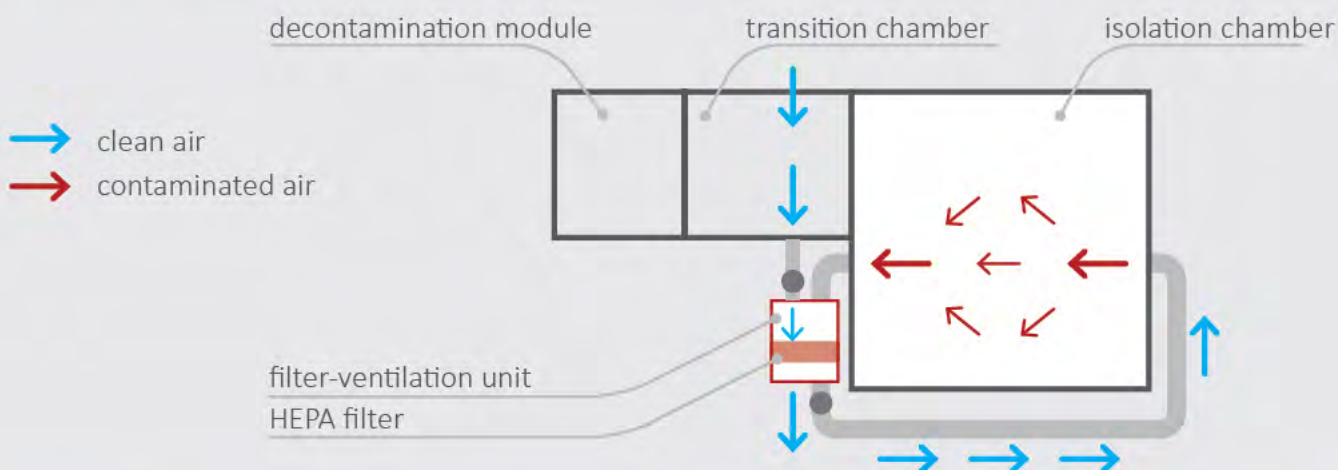
DIMENSIONS



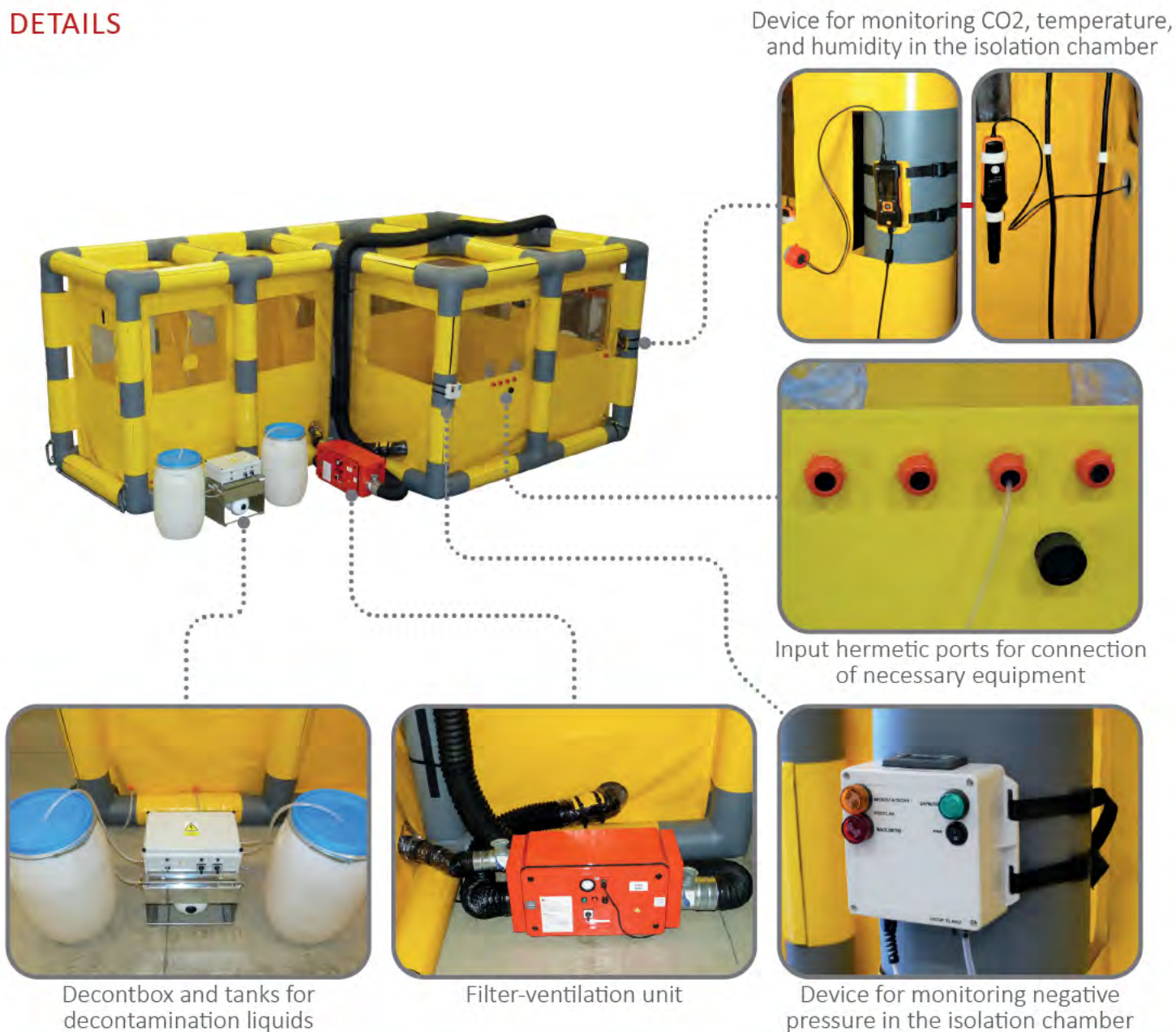


CBRN PROTECTION

VENTILATION – AIRFLOW



DETAILS





SAMPLING/VACCINATION CENTRE

The centres are designed on the basis of needs of medical staff, taking safety, efficiency and the possibility to use it in adverse weather conditions into account.

The sampling centre is intended for the sampling of biological materials in the event of the spreading infection. The vaccination centre is intended for carrying out a vaccination against infectious and other diseases.

EQUIPMENT

- ES-56 Tent
- inner hygienic liner + 2 partitions
- compressor
- heating
- 4 pieces of lights



TECHNICAL PARAMETERS OF THE TENT

Dimensions: 10,0 x 6,0 x 3,0 m (l x w x h)

Internal dimensions: 10,0 x 5,4 x 2,7 (l x w x h)

Dimensions of packed state: 1,4 x 1,4 x 0,9 m (l x w x h)

Weight: 220 kg

Time of the inflation: 4 min.



LAYOUT BENEFITS OF TENT PREMISES WITH A USEFUL AREA OF 56 M²

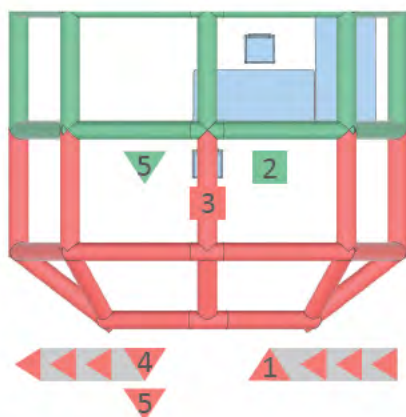
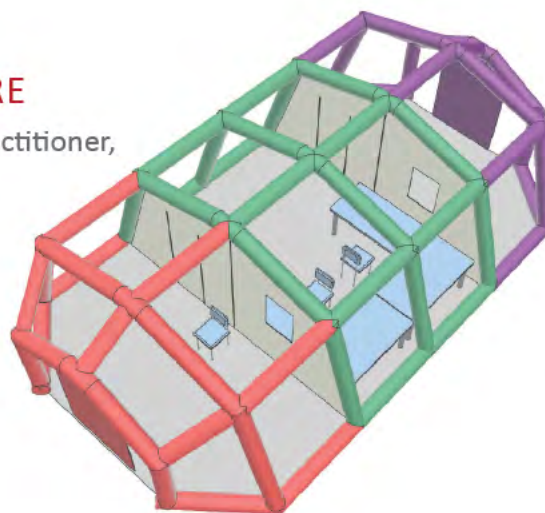
- Entrances for private payers and for patients with a request from the general practitioner are separated in the sampling centre, including the possibility of taking samples from cars (according to requirements, the division can be changed).
- The premises intended for patients are separated from the heated area for the staff.
- The entrance and exit for patients is separated from the sampling premises in the case of using the tent as the sampling centre.
- Users can change the layout of the workplace according to their current needs. Partitions are possible to rotate, separate and make smaller.
- The heating of the area intended for the medical staff ensures the natural air ventilation.
- The entire internal area of the tent can be easily and repeatedly decontaminated.
- In case of the sampling centre, the division of premises of the tent fulfill the key function to protect the staff from possible infection.



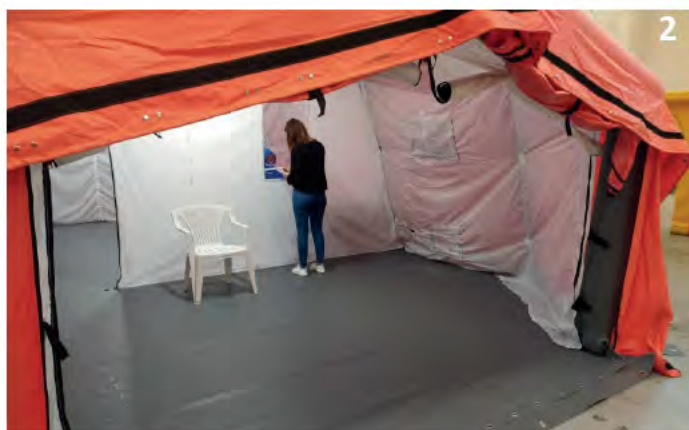
SAMPLING CENTRE

ZONES DESCRIPTION OF THE SAMPLING CENTRE

- sampling for patients with a request from a general practitioner, samples taken from the car
- sampling for private payers, samples taken from the car
- heated workplace for medical staff



1. entrance to sampling premises
2. registration window
3. sampling premises
4. patient's departure via separate exit
5. passage for staff, sampling from car windows, removal of samples taken





EB-10 GLOVEBOX SYSTEM FOR HAZARDOUS BIOLOGICAL CONTAINMENT

Glovebox system for hazardous biological containment is used to store and open containment with potentially hazardous biological content. It consists of light, easily assembled aluminium construction, removable installation made of textile fabric, double-sided coated PVC and transparent foil. The inner space is impermeable due to high frequency welded joints, and it is opened by special hermetic zipper.

The transparent lid and integrated replaceable gloves allow easy inspection and manipulation with the contents. It prevents direct contact with person with bacteria, viruses, fungi and other microorganisms and their toxins.

If contaminated contents of the containment are suspected, we recommend removing the installation from the aluminium construction, handing it over for professional disposal and replacing it with a new one.

BENEFITS:

- easily replaceable installation
- transparent lid
- light weight
- quick assembly
- replaceable gloves
- easy maintenance and storage

SUITABLE FOR:

- state administration bodies and institutions (ministries, courts, etc.)
- representative offices (embassies, consulates)
- media institutions (television, radio, etc.)
- any other organization receiving potentially hazardous biological content

Dimensions:

65 x 45 x 52 cm (l x w x h)



Dimensions in transport bag:

57 x 10 x 24 cm (l x w x h)

Weight:

5 kg





SYSTEM OF BASIC DECONTAMINATION

Basic decontamination system is designed for fast decontamination even in field conditions. The equipment can be used to decontaminate people in protective equipment, but also to decontaminate the surface of the human body.

DECONTAMINATION CIRCLE EDEK-10

Light, mobile and easy-to-use decontamination device for use especially in field conditions. Internal perimeter of the circle is equipped with nozzles for applying a decontamination solution; a holder supplies the solution to the nozzles through a spherical valve and enables manipulation with the circle. For transport and assembling, the circle is produced as foldable.

BASIC CHARACTERISTICS

- circle and nozzles material: stainless steel
- number of nozzles: 8 pcs
- pressure: 2 – 6 bar
- flow capacity: 2,5 l/min (each nozzle)
- circle diameter: 100 cm
- weight: 3,6 kg
- putting into operation time: 2 min.



DECONTAMINATION POOL EDKB

Decontamination pool is used to capture and extract waste water during decontamination and rinsing, thereby it prevents leakage of dangerous substances into the environment. Perimeter of the pool is made of a tubular inflatable construction, on which the bottom, made of durable, double-sided coated fabric, is attached.

The inflatable construction is equipped with an inflatable/discharge valve and can be inflated by an electric compressor or foot pump.

BASIC CHARACTERISTICS

- tubular construction with fixed floor
- 1 inflation/discharge valve
- 1 pressure safety valve
- dimensions inflated: 2 500 x 2 500 x 200 mm
- weight: 10 kg



ACCESSORIES

SELF-SUCTION PUMP WITH SUCTION BASKET

Electric self-suction pump is designed for pumping contaminated water from decontamination pool with a suction basket.

- GEKA couplings are used to connect hoses
- input power: 750 W
- current connection: 230 V/50 Hz
- flow rate Q_{max} : 5 000 l/h
- pump weight: 12 kg
- suction basket weight: 1,6 kg

COMPRESSOR ESK-100/B

Compressor enables fast inflation of the decontamination pool's tubular construction.

- supply voltage: 230V/50Hz
- weight: 4,1 kg
- dimensions: 320 x 170 x 260 mm

BARREL FOR LIQUIDS

- volume: 120 l
- hose: 4 m

RUBBER MAT

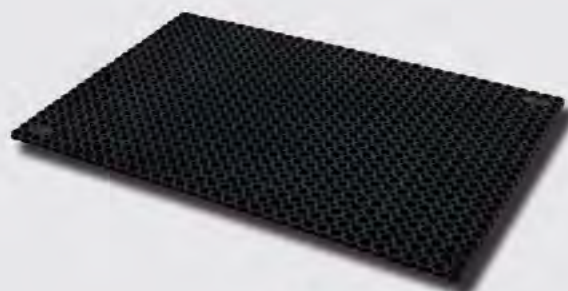
Rubber mat prevents reverse contamination of people by waste solution, slipping and falling, and protects the bottom of the decontamination pool from damage. It can be supplied in various size and types.

- colour: black
- weight: according to type of mat

SUBMERSIBLE PUMP

Submersible pump ensures the supply of decontamination solution to the nozzles of the decontamination circle.

- discharge max. 48 m
- flow rate Q_{max} . 100 l/min
- voltage 230V/50HZ
- input power: 1100 W
- weight: 9 kg





DECONTAMINATION SHOWER EDK-04

Decontamination shower is designed for individual decontamination of persons in protective suits, and/or directly to decontamination or hygienic cleansing of the body. The advantage is its compactness, low weight and immediate commissioning.



BASIC CHARACTERISTICS

- single-chambered inflatable construction, suspended shower cabin, decontamination nozzle system with hand shower
- one valve for inflating/discharging air, and one pressure safety valve
- decontamination system with five fixed nozzles, one hand shower on the flexible hose located on the walls in the middle part of the cabin
- hand shower can also be operated from the outside using the integrated sleeves with replaceable gloves
- waste solution is continuously sucked out by a specially designed suction basket
- quick positioning of the decontamination shower by compressor



- **Dimensions inflated**
length ca. 2000 mm
width ca. 2000 mm
height ca. 2450 mm

- **Dimensions packed**
length ca. 1100 mm
width ca. 800 mm
height ca. 350 mm

- **Weight:**
40 kg
- **Time of inflating by compressor:**
40 sec



DECONTAMINATION SHOWER FOR LYING PATIENT EDK-08

Decontamination shower is intended for decontamination of persons (sick, injured) who are placed on a stretcher. The length of the shower allows comfortable manipulation of the stretcher inside the shower, and at the same time sufficient space for the operating staff. This shower can also be used to decontaminate the outer surface of transport isolation device Bio-bag, inside of which is the infectious patient, before placing it into an ambulance or before other means of secondary transport of the infectious patient in the Bio-bag.



BASIC CHARACTERISTICS

- single-chambered inflatable construction, suspended shower cabin, decontamination nozzle system with hand shower and brush
- one valve for inflating/discharging air, and one pressure safety valve
- decontamination system with five fixed nozzles, one hand shower on the flexible hose and hand brush is located on the walls in the middle part of the cabin
- hand shower and brush can also be operated from the outside using the integrated sleeves with replaceable gloves
- waste solution is continuously sucked out by a specially designed suction basket
- quick positioning of the decontamination shower by compressor



- Dimensions inflated
length ca. 3000 mm
width ca. 2000 mm
height ca. 2450 mm

- Dimensions packed
length ca. 1100 mm
width ca. 800 mm
height ca. 450 mm

- Weight:
50 kg
- Time of inflating by compressor:
60 sec

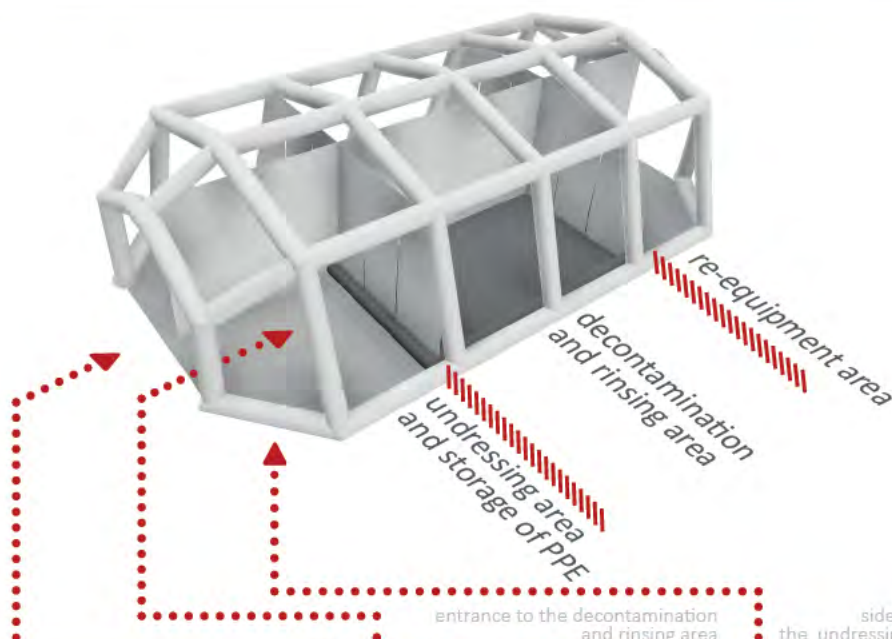


DECONTAMINATION TENT FOR CIVIL USAGE

Decontamination tent ES-56LDK offers necessary equipment for decontamination and subsequent hygiene cleaning of intervening personnel in field conditions during rescue operations and disposal of accidents. This system is used mainly in civil sector where all the activities are carried out only in this one tent.

DESCRIPTION:

- transit capacity up to 40 persons per hour
- inflatable structure: two-chamber system
- transverse partitions for division into undressing, showering and dressing areas
- longitudinal partitions for division into corridors (possibility of modification into 2 or 3 corridors)
- anchoring system using cords and ground belts
- dimensions (l x w x h):
10,0 x 6,0 x 3,0 m
- effective workspace ca. 50 m²
undressing area and storage of PPE ca. 15 m²
decontamination and rinsing area ca. 20 m²
(equipped with inflatable basin)
- re-equipment area ca. 15 m²
- Inflation time: ca. 6 min.**



front of the tent,
two-corridor modification



entrance to the decontamination
and rinsing area



side entrance of the tent to
the undressing area and PPE storage



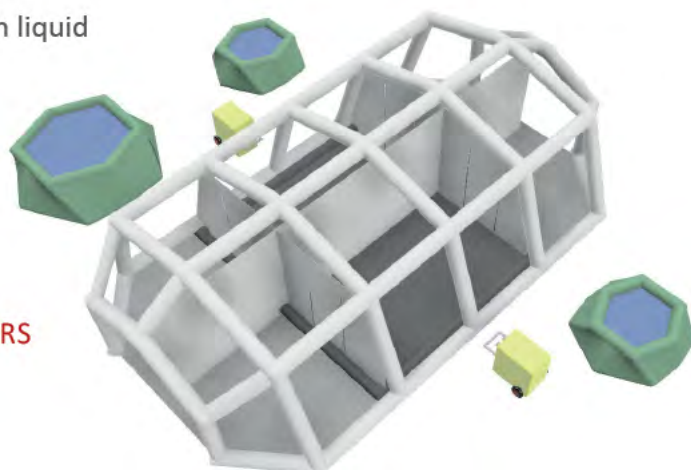
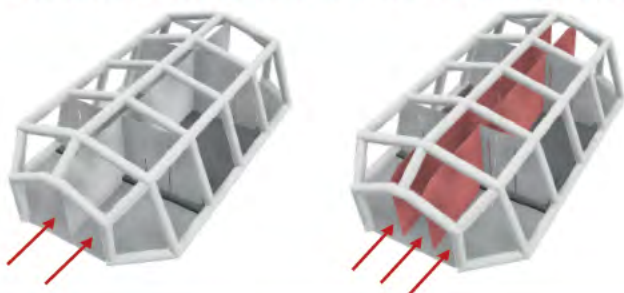


CBRN PROTECTION

ACCESSORIES:

- mobile water heater with mixing of decontamination liquid
- clean/contaminated water tank
- self-sucking electric pump
- compressor
- lighting
- roller conveyor for immobile patients
- rubber mats

POSSIBILITY OF MODIFICATION INTO 2 OR 3 CORRIDORS



REFERENCES:

Decontamination systems of EGO Zlín, spol. s r. o. have been used in the Czech Republic as well as in other countries around the world.



CBRN units of the Army of the Czech Republic



CBRN units of the Army of the Slovak Republic



fire Rescue Services, State of Sao Paulo, Brazil



CBRN units of the Army of the Slovak Republic



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MASS PERSONNEL DECONTAMINATION AREA FOR MILITARY USAGE

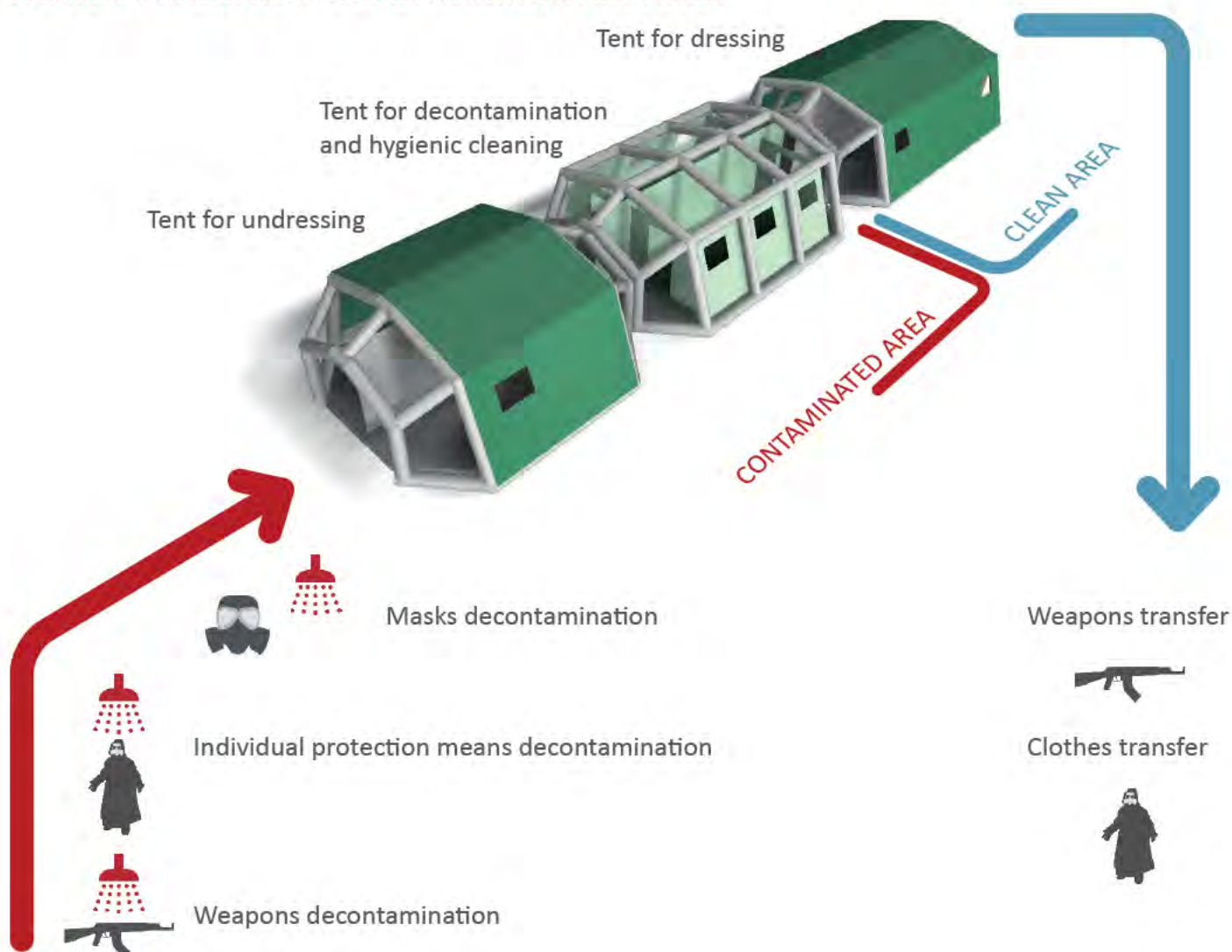
There is a real threat of industrial accidents, epidemics, natural disasters, fires but also terrorist attacks and war conflicts, and therefore it is necessary to be well prepared for such situations. Intervening rescue and military units operating in dangerous environments must be equipped with adequate protective means to protect themselves.

These are located in the decontamination area and are arranged in such a way that weapons, personal protective equipment, people, and their equipment may all be decontaminated.

BASIC CHARACTERISTICS:

- transit capacity of 120 people per hour
- minimum area dimensions 50 x 50 m
- roll out time 45 minutes
- roll up time 60 minutes
- rinsing water temperature for decontamination 30 – 32°C
- rinsing water temperature for hygienic cleaning 38°C
- divided into 2 identical corridors (men and women)
- 16 decontamination nozzles + 1 hand nozzle for inaccessible places in each corridor
- 6 rinsing shower heads and 1 hand shower head for inaccessible places in each corridor
- stored and transported in ISO 1C container

LAYOUT PERSONNEL DECONTAMINATION AREA





CBRN PROTECTION

THE AREA CONSISTS OF:

- weapon decontamination stands
- decontamination shower with brush
- collection bags for used protective equipment
- inflatable tent ES-35T for undressing
- inflatable tent ES-48TDK for decontamination, hygienic cleaning, contamination control (including inflatable catch tank)
- inflatable tent ES-56T for dressing and medical treatment
- unit for heating decontamination solution and rinsing water
- heating
- lighting
- tanks for liquids (decontamination solution, rinsing water, and waste water)
- furniture
- equipment for marking the area
- instructional boards, etc.





**TENT
SYSTEM**





TENT SYSTEM EZ

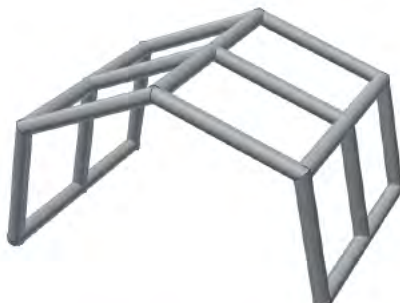
The inflatable tents type EZ are used by rescuers and emergency units as for immediate shelter, e.g. gathering and treatment of injured persons in usual climatic conditions. These tents are unique thanks to simple shape, compact dimensions and low weight enabling easy manipulation and transport. Each tent entrance can be equipped with connecting sleeve, which ensures perfect connectivity of multiple tents.



Tent EZ - 10 L

Dimensions (l x w x h):
3,7 x 3,1 x 2,35 m

Effective workplace: 10 m²
Weight: ca. 40 kg
Inflation time: ca. 1 min.



Tent EZ - 18 T/L

Dimensions (l x w x h):
4,0 x 5,0 x 2,85 m

Effective workplace: 18 m²
Weight: ca. 75 - 90 kg
Inflation time: ca. 1 min.



Tent EZ - 24 T/L

Dimensions (l x w x h):
6,0 x 4,5 x 2,85 m

Effective workplace: 24 m²
Weight: ca. 100 - 110 kg
Inflation time: ca. 2 min.



The set contains:

- inflatable tent
- anchoring pegs and hammer
- repair kit
- user manual
- waterproof transport bag

Extended equipment:

- electric blower
- connecting sleeve
- hygienic liner
- insulation liner
- textile partitions
- tube door
- LED lights
- heating device
- mobile strengthen floors
- mobile folding thermo-isolation floor
- prints and logos on request
- other accessories: air conditioning, electric generator, distribution board, etc.





TENT SYSTEMS ES

The inflatable tents type ES are designed for use in crisis situations in the event it is necessary to solve an adequate basement for rescuers in outer conditions in the shortest time. Our solution enables to create such place within 4 minutes whether it is emergency reception, medical treatment or hospitalization of injuries, or staff basement and storage of device. Thanks to connecting sleeves and universal width, it is possible to connect tents with each other and create a mobile workplace adjusted to particular need of users.

Tent ES - 35 T/L

Dimensions (l x w x h):

6,5 x 6,0 x 3,0 m

Effective workplace: 31 m²

Weight: ca. 140 - 180 kg

Inflation time: ca. 3 min.



Tent ES - 36 TS/LS

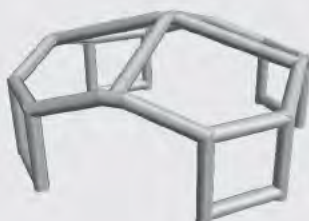
Dimensions (l x w x h):

6,0 x 6,0 x 3,0 m

Effective workplace: 32 m²

Weight: ca. 135 - 175 kg

Inflation time: ca. 3 min.



Tent ES - 48 T/L

Dimensions (l x w x h):

8,25 x 6,0 x 3,0 m

Effective workplace: 40 m²

Weight: ca. 160 - 200 kg

Inflation time: ca. 4 min.



Tent ES - 56 T/L

Dimensions (l x w x h):

10,0 x 6,0 x 3,0 m

Effective workplace: 50 m²

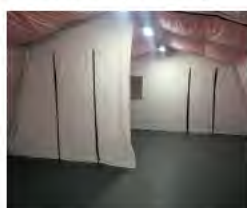
Weight: ca. 200 - 240 kg

Inflation time: ca. 4 min.



The set contains:

- inflatable tent
- anchoring pegs and hammer
- repair kit
- user manual
- waterproof transport bag



Extended equipment:

- electric blower
- hygienic liner
- insulation liner
- textile partitions
- LED lights
- heating unit
- mobile strengthen floors
- mobile folding thermo-isolation floor
- prints and logos on request
- other accessories: air conditioning, electric generator, distribution board, etc.



MODULAR LARGE-CAPACITY HALL

The inflatable large-capacity hall is assembled from tube arches connected to each other by upper longitudinal tubes along the entire length of the sides.

The roof is mechanically connected to the tubular structure.

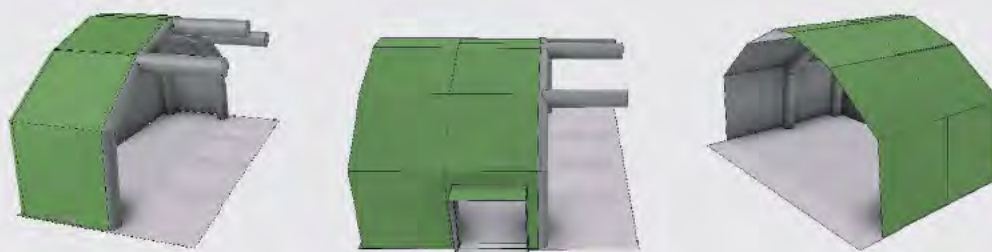


BENEFITS:

- Quick and easy putting it into operation (within 60 min. with help of 4 people)
- Material is resistant to various climatic conditions
- Large interior space
- 2 side entrances/exits and 2 front entrances /exits for staff
- 2 front entrances /exits for equipment
- 2 pcs of connecting collars on the side

The hall consists of 3 separate modules:

- Front module, 1 pc
- Central module, 1 pc
- Rear module, 1 pc
- Possibility of connecting the front and rear modules (without the central one)
- Possibility of connecting two more central modules





TECHNICAL DATA

- Colour: green
- Dimensions (l x w x h):
external 12,5 x 8,3 x 4,6 m
internal 12,5 x 7,3 x 4,1 m
- Tube diameter: 500 mm
- Weight without accessories: 630 kg
- Temperature range: - 30 ° C + 70 ° C

PARTS OF LARGE-CAPACITY HALL:

- **Tubular structure** is made of PES fabric coated on both sides with PVC, total surface weight is ca. 1050 g/m².
- One module has one inflating valve and one relief valve on each arch. The structure is single-chambered.
- **Roof** is made of PES fabric coated on both sides with PVC, total surface weight is ca. 650 g/m².
- Connection of individual modules is secured by connecting collars.
- **Floor** is made of PES fabric coated on both sides with PVC, total surface weight is ca. 650 g/m².
- Part of the floor from the outside includes handles for easy manipulation and anchoring.
- **Sleeve for heating and cabling** has ø 600 mm, 4 pcs on each side.
- **Three-layer windows** (mosquito, transparent film, and blackout layer made of the same material as the roof), dimensions (w x h): 500 x 500 mm, 8 pcs.
- **Side entrances** for staff can be opened/closed using zip fasteners, dimensions (w x h): 1,8 x 1,9 m, 2 pcs.
- **Front entrances** for staff can be opened/closed using zip fasteners, dimensions (w x h): 1,9 x 2,0 m, 2 pcs.
- **Entrances for heavy equipment**, at the front and rear side of the hall, can be opened/closed using zip fasteners, dimensions (w x h): 3,2 x 3,6 m, 2 pcs.
- Inner removable **liner** consists of hygienic liner and thermal-insulation liner. The material and placement of the liner depend on the request of the tender documentation, 7 pcs.





IMMOBILE PATIENTS CARE





SYSTEM FOR IMMOBILE PATIENTS

ACTIVE ANTI-DECUBITUS MATTRESS AME - FP

The active anti-decubitus mattress consists of two independent air sections, which are automatically inflated and deflated by means of a special compressor alternately. Through pressure changes in the individual chambers, a constant massage and reduction of the patient's tissue load are ensured. The patient lying on the mattress has optimal prevention against the formation of bedsores (pressure ulcers).

The mattress helps with the treatment of high-risk patients. Its easy operation and maintenance are perfect for use in hospitals, nursing homes, home care, etc. The anti-decubitus mattress can be used on any bed.

- fixing the mattress with the help of straps
- material with impermeable treatment
- possibility to disinfect with commonly available disinfectants
- dimensions (cm): 190 x 85 x 5
- weight (g): 1 420
- load capacity (kg): up to 120



AIR COMPRESSOR, ADJUSTABLE TO THE WEIGHT OF THE PATIENT

Compressor with air system regulator 2- AS1.

The compressor is light, quiet, and requires little maintenance.

It has minimal electricity consumption. The controls are limited to the on/off button and the setting knob requiring necessary pressure. Small dimensions and a simple hook for hanging allow it to be hung on the bed frame or standing on a solid pad.

- dimension (cm): 11 x 16 x 34
- weight (g): 1 800



SET OF BATHTUB WITH ACCESSORIES SKV - 30

The bathtub is intended for bathing the patient directly on the bed. The tub in the inflated state is slid under the patient and the edges are inflated. The bathtub accessories include a hot water shower, which is connected to the water supply and operated at the end of the hose. To drain the water, the bathtub is equipped with a drain sleeve, which is closed with a through clip. Placing of the patient, preparation and the bath itself is quick and easy, one nurse can handle it. The patient can take a shower as well as the bath. The bathtub also includes an inflatable wedge-shaped cushion under the head.

The bathtub is of rectangular shape with a perimeter chamber.

- dimensions (cm): 185 x 85 x 20
- weight (g): ca. 1 500

Accessories:

- shower on water source SZ- 10/6 (hose 6 m)
- shower on water source SZ- 10/10 (hose 10 m)
- bag for the set KV – 21





INFLATABLE POOL FOR HEADWASH BA - 10

The pool for headwash is designed to be used directly on the bed. It is equipped with drain hose including a seal.

- weight (g): 700
- dimension (cm): Ø 60
- colour: red



RESCUE INFLATABLE COLLAR

For immobile patients and children, there is a rescue inflatable collar to ensure the patient's safety. There are two sizes available: for adults – ADULT, and for children- PEDIATRIC.

- **ENL - 10** **Rescue inflatable collar - ADULT**
dimension: 60 x 55 cm (h x w)
colour: red
- **ENL - 20** **Rescue inflatable collar - PEDIATRIC**
dimension: 53 x 48 cm (h x w)
colour: red



ROLLBOARD NP - 10/K

The Rollboard is used to move the patient on a flat surface (e.g. from bed to bed) with minimal effort for operating personnel. It is made of solid material, resistant to tearing. The material is easy to maintain, it can be cleaned with common disinfectants. The pad is made in a folding design. Unfolded, it measures 164 x 50 cm and weighs 1,800 g.

INSTRUCTION FOR USE:

1. Turn the patient on his side and slide the unfolded pad under him at least one-third, then place the patient back on his back.
2. Move the patient by pushing on his shoulder and hip lightly (without using force).
3. Turn the patient on his side, remove the pad, and place the patient on his back.



OUR PHILOSOPHY

QUALITY MANAGEMENT SYSTEM
ISO 9001 AND 13485



FOLLOWING NEW TRENDS



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