PERSONAL PROTECTION AND OPTOELECTRONIC SYSTEMS
# PERSONAL PROTECTION AND OPTOELECTRONIC SYSTEMS

## CONTENT

### COVERT BODY ARMOUR
- **4** BODYGUARD M3
- **4** BODYGUARD + BODYGUARD
- **4** BODYGUARD A
- **5** BODYGUARD M COMFORT PRESTIGE BK-1
- **6** CORSAIR M3 M CORSAIR M3K
- **6** CORSAIR M3 CORSAIR
- **7** CORSAIR M3S CORSAIR SHTURM CORSAIR MPL CORSAIR F
- **8** CORSAIR MT PANTSYR 3-95M CORSAIR M3MP PANTSYR-RAID

### BALLISTIC SHIELDS
- **9** BZS-75-1
- **9** BZS-75-2A MODEL 1
- **9** BZS-75-2A MODEL 2
- **9** BZS-75-3

### TACTICAL GEAR
- **10** CORSAIR M3M Modular Tactical System
- **11** CONEX COMBAT VEHICLE CREWMAN COVERALL CUT RESISTANT SUIT
- **12** SHIELD Anti-Riot Gear System

### BOMB DISPOSAL EQUIPMENT
- **13** PK-1 Bomb Blanket
- **13** FRAGMENT PROTECTION APRON
- **14** KS-1 MODEL 1 Bomb Disposal Suit
- **15** KS-1 MODEL 2 Bomb Disposal Suit

### BALLISTIC HELMETS
- **16** KASKA-1M MODEL #1 OPTION 1
- **16** KASKA-1M MODEL #1 OPTION 2
- **16** KASKA-1M MODEL #2
- **17** KASKA-1M MODEL #3 OPTION 1
- **17** KASKA-1M MODEL #3 OPTION 2
- **17** KASKA-1M MODEL #3 OPTION 3

### TACTICAL EQUIPMENT
- **18** TACTICAL VEST MODEL 1
- **18** TACTICAL VEST MODEL 2
- **18** LOAD-BEARING SYSTEM
- **19** MULTICAM® BLACK A-TACS LE®
- **20** COYOTE A-TACS IX® A-TACS AU®
- **21** MULTICAM® SMART PLATE CARRIER A-TACS IX®
- **22** A-TACS AU® MARPAT DESERT® SMART PLATE CARRIER

### UNIVERSAL FIELD
- **23** M.U.B.S. BFPC M.U.B.S. SSS UNIVERSAL FIELD POUCH D/FP
- **24** M.U.B.S. AGP M.U.B.S. SRF-L M.U.B.S. SRF-M
- **25** M.U.B.S. MRE-FB M.U.B.S. FIELD SYSTEM BFBS

### ACCESSORIES POUCHES
- **26** ACCESSORIES POUCHES
- **27** ACCESSORIES POUCHES

### OPTOELECTRONIC NIGHT VISION CAMERAS
- **28** NVMA-14 Night Vision Monocular
- **29** NVGA-7, NVGA-15 Night Vision Goggles
- **30** NVSA-2.5, NVSA-4.5, NVSA-6 Night Vision Sights
- **31** NVCOA-M, NVCOA-L, NVCOA-XL Night Vision Clip-Ons

### INTEGRATED SURVEILLANCE AND DISTANCE MEASUREMENT EQUIPMENT
- **32** ARCHER TVC-3 Surveillance Camera
- **33** ARCHER TVC-4 Surveillance Camera
- **34** OEM-L, OEM-L1 Optoelectronic Modules With Laser Guidance Channel
- **35** PN-B Guidance Device PN -90 M.U.B.S. Field System

### TACTICAL FIRST AID KITS
- **36** TACTICAL FIRST AID KITS
- **37** COMBAT CASUALTY RESPONSE KIT
- **38** PYTHON-3 Tourniquet Z-FOLDED HAEMOSTATIC GAUZE
- **39** COMPRESSED GAUZE WOUND DRESSING Emergency Bandage OCCLUSIVE DRESSING WITH HEMOSTATIC CLOTH
- **40** NASOFAVYNGAL ADJUSTABLE AIRWAY EMERGENCY FOIL BLANKET IMMOBILIZATION SPLINT
For the last few years Ukrainian Defence Industry has been in the stage of transformation into a highly effective structure. This process is taking place due to new technologies, products, innovations, efficient management and top-professionals who have come into this field. Today we are offering the new armament business culture, customer oriented, flexibility and personal approach.

We represent Ukrainian Enterprises of the State Concern «Ukroboronprom» which employ more than 80 thousand people, and the products of other Ukrainian enterprises. Ukraine is a reliable partner who exports the defence products to many countries of the world. The potential for development of the Ukrainian Military Industrial Sector is a tremendous one who is only at the beginning of its realization and prospects.

We suggest the widest product range in the field of aviation, armour, radio, artillery, as well as ship building and rocket industry, etc.

Ukraine makes part of prestigious club of the countries which has mastered the closed cycle in aircraft building, radio intelligence and radio-electronic warfare, whereas the Ukrainian export potential is among the best 10 in the world.

SE "Ukrinmash" is a unique special exporter and integrator which makes an important part of the Ukrainian Military Industrial Sector honored to be your reliable partner. We are proud that SE “Ukrinmash” is one of the most experienced and one of the biggest export-import companies of Ukraine which has been working in the armament and military hardware market for more than 25 years.

We present you our products range as well as services in repairing, upgrading, joint promotion of the products and cooperation in the military markets. SE “Ukrinmash” is not only reacting to the state of the market but initiates trends in the world market. For nowadays, SE “Ukrinmash” is making a new history of the military industry of Ukraine.

Sergii Sliusarenko
Chief Executive Officer
SE SSFTIF «Ukrinmash»
BODYGUARD M3
- Can be worn as a part of business suit.
- Fabric of outer cover can be chosen by customer to match business suit.
- Front, back and shoulder protection.
- Imitation of buttons and pleated back.
- Adjustment and fastening at the waist by two elastic straps.

**MAIN PERFORMANCE DATA**
- Protection Area: 35–40 dm²
- Material of soft armour panel: Twaron para-aramid or UHMWPE
- NIJ Level: IIA – IIIA
- Soft armour panels are sealed inside a waterproof case
- Additional pockets for hard armour plates can be added by request

BODYGUARD +
- Lightweight and ergonomic.
- Front and back protection.
- Adjustment and fastening at the waist by elastic straps.
- Adjustable shoulder system.
- Outer cover made from pile fabric.

**MAIN PERFORMANCE DATA**
- Protection Area: 30 dm²
- Material of soft armour panel: Twaron para-aramid or UHMWPE
- NIJ Level: IIA – IIIA
- Soft armour panels are sealed inside a waterproof case
- Additional pockets for hard armour plates can be added by request

BODYGUARD
- Lightweight and ergonomic.
- Front and back protection.
- Adjustment and fastening at the waist by elastic straps.
- Adjustable shoulder system.

**MAIN PERFORMANCE DATA**
- Protection Area: 31–37 dm²
- Material of soft armour panel: Twaron para-aramid or UHMWPE
- NIJ Level: IIA – IIIA
- Soft armour panels are sealed inside a waterproof case
- Additional pockets for hard armour plates can be added by request

BODYGUARD A
- Front, back and side protection.
- Enhanced side protection.
- Adjustment and fastening at the waist by straps. (Photo)
- Adjustable shoulder system.

**MAIN PERFORMANCE DATA**
- Protection Area: 31–44 dm²
- Material of soft armour panel: Twaron para-aramid or UHMWPE
- NIJ Level: IIA – IIIA
- Soft armour panels are sealed inside a waterproof case
- Additional pockets for hard armour plates can be added by request

COMFORT
- Imitation of a regular vest for travel, hunting or other purposes.
- Front, back and side protection.
- Internal plate pockets for soft armour panels and hard armour plates.
- Imitation of zip fastener.
- Side opening and adjustable closure system.

PRESTIGE
- Front, back and side protection.
- Adjustment and fastening at the waist by elastic straps.
- Enhanced circular ballistic protection due to the vest configuration in the shoulder area.
- Deep oval neckline to heighten armour concealment.

BK-1
- Sleeveless undershirt style bulletproof vest.
- Made from Heathcoat fabrics® material.
- Internal plate pockets.
- Bottom of the product can be tucked into trousers to reach maximum armour concealment.
- Adjustment and fastening on torso by four elastic straps.
CORSAIR M3M

- Modular tactical body armour system.
- Multifunction features and ergonomic fit.
- Various options of equipment.

**MAIN PERFORMANCE DATA**

- Internal plate pockets for soft armour panels
- Material of soft armour panel: Twaron para-aramid or UHMWPE
- Hard armour plate pockets accommodated: Nij Level III – IV
- Soft armour panels are sealed inside a waterproof case
- MOLLE webbing throughout the vest
- Outer cover is made from polyester and polyamide fabrics of our own production

**DIMENSIONS**

- 10" x 14" plates
- 10" x 12" or 10" x 14" plates

**FEATURES**

- Enhanced ergonomics of soft armour panels.
- Original side protection attachment

**APPLICATIONS**

- Designed for Coast security, Marines and Navy.
- Provides a greater comfort in water due to its buoyance features.

---

CORSAIR M3

- Comfort, simplicity in use, and reliability.

**MAIN PERFORMANCE DATA**

- Internal plate pockets for soft armour panels
- Material of soft armour panel: Twaron para-aramid or UHMWPE
- Hard armour plate pockets accommodated: Nij Level III – IV
- Soft armour panels are sealed inside a waterproof case
- MOLLE webbing throughout the vest
- Outer cover is made from polyester and polyamide fabrics of our own production

**DIMENSIONS**

- 10" x 14" plates
- 10" x 12" or 10" x 14" plates

**FEATURES**

- Fastening and adjustment in the shoulders by buckles made from impact resistant plastic. Shoulder area has damping pads for greater comfort during wearing.
- Side adjustment.
- Adjustment at the waist by elastic belt.

---

CORSAIR M3S

- Modular bulletproof vest with quick release system.

**MAIN PERFORMANCE DATA**

- Internal plate pockets for soft armour panels
- Material of soft armour panel: Twaron para-aramid or UHMWPE
- Hard armour plate pockets accommodated: Nij Level III – IV
- Soft armour panels are sealed inside a waterproof case
- MOLLE webbing throughout the vest
- Outer cover is made from polyester and polyamide fabrics of our own production

**DIMENSIONS**

- 10" x 14" plates
- 10" x 12" or 10" x 14" plates

**FEATURES**

- Enhanced ergonomics of soft armour panels.
- Original side protection attachment

---

CORSAIR SHTURM

- Designed for special operations forces, law enforcement, and security services.

**MAIN PERFORMANCE DATA**

- Internal plate pockets for soft armour panels
- Material of soft armour panel: Twaron para-aramid or UHMWPE
- Hard armour plate pockets accommodated: Nij Level III – IV
- Soft armour panels are sealed inside a waterproof case
- MOLLE webbing throughout the vest
- Outer cover is made from polyester and polyamide fabrics of our own production

**DIMENSIONS**

- 10" x 14" plates
- 10" x 12" or 10" x 14" plates

**FEATURES**

- Fastening and adjustment in the shoulders by buckles made from impact resistant plastic. Shoulder area has damping pads for greater comfort during wearing.
- Side adjustment.
- Adjustment at the waist by elastic belt.

---

CORSAIR MPL

- Comfort, simplicity in use, and reliability.

**MAIN PERFORMANCE DATA**

- Internal plate pockets for soft armour panels
- Material of soft armour panel: Twaron para-aramid or UHMWPE
- Hard armour plate pockets accommodated: Nij Level III – IV
- Soft armour panels are sealed inside a waterproof case
- MOLLE webbing throughout the vest
- Outer cover is made from polyester and polyamide fabrics of our own production

**DIMENSIONS**

- 10" x 14" plates
- 10" x 12" or 10" x 14" plates

**FEATURES**

- Enhanced ergonomics of soft armour panels.
- Original side protection attachment

---

CORSAIR F

- Comfort, simplicity in use, and reliability.

**MAIN PERFORMANCE DATA**

- Internal plate pockets for soft armour panels
- Material of soft armour panel: Twaron para-aramid or UHMWPE
- Hard armour plate pockets accommodated: Nij Level III – IV
- Soft armour panels are sealed inside a waterproof case
- MOLLE webbing throughout the vest
- Outer cover is made from polyester and polyamide fabrics of our own production

**DIMENSIONS**

- 10" x 14" plates
- 10" x 12" or 10" x 14" plates

**FEATURES**

- Fastening and adjustment in the shoulders by buckles made from impact resistant plastic. Shoulder area has damping pads for greater comfort during wearing.
- Side adjustment.
- Adjustment at the waist by elastic belt.
PANTSYR’-RAID

- Shoulder adjustment. Shoulder straps are foam padded for greater comfort during wear.
- Fastening and adjustment by size at the waist is implemented by straps with plastic buckles.
- Pouches for six rifle magazines.

PANTSYR’-3-95M

- Shoulder adjustment.
- Side adjustment.
- Outer plate pocket for hard armour plate on the front and back.
- Interior padding for long-wear comfort.

CORSAIR M3MP

- Modular body armour system.
- Designed for both military and special mission units.
- Various options of equipment.

CORSAIR MT

CORSAIR MT was designed based on experience gained through the participation of Ukrainian forces in military operations recently. It is intended to protect combat vehicle tank crew against shell fragments and 9mm calibre bullets as well as to provide protection from exposure to high temperatures and flame.

### PERSONAL PROTECTION AND OPTOELECTRONIC SYSTEMS

#### COVERT BODY ARMOUR

**CORSAIR MT**
- Shoulder adjustment.
- Side adjustment.
- Outer plate pocket for hard armour plate on the front and back.
- Interior padding for long-wear comfort.

**PANTSYR’-3-95M**
- Shoulder adjustment.
- Side adjustment.
- Outer plate pocket for hard armour plate on the front and back.
- Interior padding for long-wear comfort.

**CORSAIR M3MP**
- Modular body armour system.
- Designed for both military and special mission units.
- Various options of equipment.

### MAIN PERFORMANCE DATA

- **Internal plate pockets for soft armour panels**
- **Material of soft armour panel**
- **Level of protection**
- **Ballistic Material**
- **Protection Area**
- **Weight**

---

**Ballistic Shields**

**BZS-75-1**
- Height – 400 mm, width – 600 mm.
- Shoulder handle.
- Straps for single-handed use.
- Fabric cover. Outershell colour selection available upon request.
- Decals can be added to the cover.
- Transport bag.

**BZS-75-2A MODEL 1**
- Height – 1200 mm, width – 500 mm.
- View port made from bulletproof glass.
- Height – 250 mm, width – 70 mm, thickness – 50 mm.
- Soft armour panels are attached to the hard armour protection on the bottom.
- Stationary trapezoidal handle.

**BZS-75-2A MODEL 2**
- Material of hard armour plate: Ceramic / Silicon Carbide SiC or Aluminium Oxide Al2O3
- Material of soft armour panel: Ultra High Molecular Weight Polyethylene
- Material of outer cover: high-strength polyamide fabrics of our own production

**BZS-75-3**
- Height – 1700 mm, width – 500 mm.
- View port made from bulletproof glass.
- Height – 250 mm, width – 70 mm, thickness – 50 mm.
- Trapezoidal handle.
- Fabric cover. Outershell colour selection available upon request.
MODULAR TACTICAL SYSTEM

CORSAIR M3M

- Designed for special mission units. The system is intended to provide equal or increased levels of protection against small arms and fragmenting threats.
- Ergonomic fit due to mobile connections between system elements.
- Elements can be used separately depending on threat level and mission requirements.
- Soft armour panels (NIJ Level IIA – IIIA) can be supplemented with hard armour plates (NIJ Level III – IV) to enhance protection level.
- MOLLE webbing system.

### MAIN PERFORMANCE DATA

<table>
<thead>
<tr>
<th>Protection Area</th>
<th>228.5 dm²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>8.4 kg</td>
</tr>
</tbody>
</table>

### FRONT AND BACK PROTECTION

<table>
<thead>
<tr>
<th>Protection Area</th>
<th>44 dm²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>1.7 kg</td>
</tr>
</tbody>
</table>

### NECK BALLISTIC PROTECTOR

<table>
<thead>
<tr>
<th>Protection Area</th>
<th>5 dm²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>0.075 kg</td>
</tr>
</tbody>
</table>

### BALLISTIC BELT

<table>
<thead>
<tr>
<th>Protection Area</th>
<th>11.5 dm²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>0.43 kg</td>
</tr>
</tbody>
</table>

### ARM BALLISTIC PROTECTOR

| Protection Area |  |
|-----------------| |
| Weight          | |

### LEG BALLISTIC PROTECTOR

| Protection Area |  |
|-----------------| |
| Weight          | |

CONEX COMBAT VEHICLE
CREWMAN COVERALL

- Designed for military personnel and crews of infantry fighting vehicle, armored personnel carrier, tank, self-propelled artillery and other combat vehicle to provide protection from exposure to high temperatures and flame. Can be used in combination with the bulletproof vest “CORSAIR MT” to protect against shell fragments and 9mm calibre bullets.

CUT RESISTANT SUIT

- Designed for antiterrorist and special mission units.
- Outer layer is made from high-strength polyamide fabric of our own production woven with tungsten wire.
- The hardness and density of tungsten ensure excellent cut and slash protection.
- Internal layer is made from cotton knitted fabric.
- Two-layer construction prevents against rubbing and enhance hygroscopic and breathability features.
ANTI-RIOT GEAR SYSTEM

**SHIELD**

Designed to protect from blunt force trauma, cold weapon and impact energy up to 20 J.

It is effective and reliable suite for riot control, domestic disturbance, cell extraction or other tactical situation.

---

**MAIN PERFORMANCE DATA**

- **Protection Area**
  - 75.2 dm²

- **Weight**
  - 6.8±0.1 kg

**UPPER BODY AND SHOULDER PROTECTION**

- **Protection Area**
  - 40 dm²

- **Weight**
  - 4.2±0.1 kg

**FOREARM PROTECTOR**

- **Protection Area**
  - 8.8 dm²

- **Weight**
  - 0.4±0.05 kg

**THIGH AND GROIN PROTECTOR**

- **Protection Area**
  - 7.4 dm²

- **Weight**
  - 0.7±0.1 kg

**KNEE AND SHIN GUARDS**

- **Protection Area**
  - 19 dm²

- **Weight**
  - 0.55±0.05 kg

---

**BOMB BLANKET PK-1**

- Bomb / Fragmentation Suppression Blanket PK-1 protects against RGO hand grenade that contains 200g explosive charge (TNT).

- Fully assembled blanket protects against 740 m/s fragments.

- External material: flame-resistant meta-aramid material Conex of our own production.

- Loop handles on corners for ease of deployment, placement and adjustment.

- Straps with loop fasteners all around the perimeter.

- By folding to the ring, it overlaps and adjusts by loop fastener.

- Warning signs “explosives” (orange colour).

---

**FRAGMENT PROTECTION APRON**

- Designed for demining and to provide the maximum possible protection against fragments and explosions from detonating anti-personnel mines.

- Used in conjunction with ballistic “Helmet 1M”, which has visor made from polycarbonate glass.

- External material: flame-resistant meta-aramid material Conex of our own production.

- Pocket on the front.

- Adjustment at the waist.

- Transport bag.

---

**MAIN PERFORMANCE DATA**

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inner Diameter</td>
<td>800±50 mm</td>
</tr>
<tr>
<td>External Diameter</td>
<td>900±50 mm</td>
</tr>
<tr>
<td>Ring Height</td>
<td>600±50 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>17 kg</td>
</tr>
<tr>
<td>Size</td>
<td>2600 x 1200 mm</td>
</tr>
<tr>
<td>Folded by Width</td>
<td>1300 x 1200 mm</td>
</tr>
<tr>
<td>Folded by Length</td>
<td>2600 x 600 mm</td>
</tr>
<tr>
<td>Size of Additional Ballistic Cover</td>
<td>1500 x 1500 mm</td>
</tr>
<tr>
<td>Weight of Additional Cover</td>
<td>6.5 kg</td>
</tr>
</tbody>
</table>

**MAIN PERFORMANCE DATA**

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>NU Level</td>
<td>II</td>
</tr>
<tr>
<td>Protection up to Velocity</td>
<td>540 m/s</td>
</tr>
<tr>
<td>Fragment</td>
<td>1.1 g</td>
</tr>
<tr>
<td>Weight</td>
<td>5 kg</td>
</tr>
<tr>
<td>Size</td>
<td>1.2 x 0.55 m</td>
</tr>
</tbody>
</table>
KS-1 Model 1

Protects against shock waves, fragmentation, heat, fire and much more.
KS-1 Model 1 was accepted by The Ministry of Defence of Ukraine and currently in service in The Ministry of Internal Affairs of Ukraine and The Armed Forces of Ukraine.
Certificate of acceptance by Ministry of Defence of Ukraine – A330J.
External material: flame-resistant meta-aramid material Conex of our own production with antistatic coating.
Transport bag.

MAIN PERFORMANCE DATA

<table>
<thead>
<tr>
<th>Protection Area</th>
<th>227-242 dm²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>25-30 kg</td>
</tr>
<tr>
<td>Protection up to Velocity</td>
<td>570 m/s</td>
</tr>
<tr>
<td>Fragment</td>
<td>1.1 g</td>
</tr>
<tr>
<td>Reinforced Protection Area</td>
<td>23 dm²</td>
</tr>
<tr>
<td>Protection From</td>
<td>F1 Grenade on distance up to 1 m, G2M-72 Landmine on distance up to 5 m</td>
</tr>
</tbody>
</table>

KS-1 Model 2

Protects against shock waves and heat.
External material: flame-resistant meta-aramid material Conex of our own production with antistatic coating.
Transport bag.

MAIN PERFORMANCE DATA

<table>
<thead>
<tr>
<th>Protection Area</th>
<th>133-145 dm²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>20-23 kg</td>
</tr>
<tr>
<td>Protection up to Velocity</td>
<td>540 m/s</td>
</tr>
<tr>
<td>Fragment</td>
<td>1.1 g</td>
</tr>
<tr>
<td>Reinforced Protection Area</td>
<td>20 dm²</td>
</tr>
<tr>
<td>Protection From</td>
<td>MON-50 Mine on distance up to 10 m, PMR-2 Mine on distance up to 1 m</td>
</tr>
</tbody>
</table>
KASKA-1M MODEL #1 OPTION 1

**MAIN PERFORMANCE DATA**
- Protection Area: 12.3-13 dm²
- Weight: 1.3-1.4 kg
- Vary depending on helmet size

KASKA-1M MODEL #1 OPTION 2

**MAIN PERFORMANCE DATA**
- Protection Area: 11.3-11.9 dm²
- Weight: 1.2-1.3 kg
- Vary depending on helmet size

KASKA-1M MODEL #2

**MAIN PERFORMANCE DATA**
- Protection Area: 12.3-13 dm²
- Weight: 1.3-1.35 kg
- Vary depending on helmet size

KASKA-1M MODEL #3 OPTION 1

**FULL CUT**

**MAIN PERFORMANCE DATA**
- Protection Area: 12.2-13.1 dm²
- Weight: 1.3-1.35 kg
- Vary depending on helmet size

KASKA-1M MODEL #3 OPTION 2

**MID CUT**

**MAIN PERFORMANCE DATA**
- Protection Area: 11-11.7 dm²
- Weight: 0.9-0.95 kg
- Vary depending on helmet size

KASKA-1M MODEL #3 OPTION 3

**HIGH CUT FOR COMFORT WEARING OF COMMUNICATION DEVICES**

**MAIN PERFORMANCE DATA**
- Protection Area: 10.3-10.9 dm²
- Weight: 0.9-0.95 kg
- Vary depending on helmet size
**TACTICAL VEST MODEL 1**

- Lightweight breathable mesh vest.
- Strong front zipper.
- Quick donning and release of the vest.
- 10 pouches for various purposes.

**TACTICAL VEST MODEL 2**

- Lightweight breathable mesh vest.
- Pouches for 8 rifle magazines, 2 grenade pouches and 2 utility pouches on the front.
- MOLLE webbing straps on the back for attaching MOLLE pouches.

**LOAD-BEARING SYSTEM**

- Chest Rig with MOLLE System
- Harness with MOLLE System
- Load-Bearing Belt

**SMART PLATE CARRIER**

**MULTICAM® BLACK**

- Can be utilized by military men, policemen, and civil persons.
- The pattern (color) of the outer cover can be customized.
- The vest protects the lethal zone (chest and back).
- There is also the possibility to insert soft armor in the cummerbund for anti-splinter protection level IIIA (.357 Magnum; .44 Magnum) NIJ.
- Battle-tested and tempered.

**MAIN PERFORMANCE DATA**

| Area of protection | from 0.13 m² |
| Level of protection | IIIA in accordance to NIJ 0101.04 (soft armor) |
| Materials | Cordura® 1000D, YKK® |
| Pattern | Multicam® Black |
| Weight | from 0.96 kg |

**SMART PLATE CARRIER**

**A-TACS LE®**

- Can be utilized by military men, policemen, and civil persons.
- The pattern (color) of the outer cover can be customized.
- The vest protects the lethal zone (chest and back).
- There is also the possibility to insert soft armor in the cummerbund for anti-splinter protection level IIIA (.357 Magnum; .44 Magnum) NIJ.
- Battle-tested and tempered.

**MAIN PERFORMANCE DATA**

| Area of protection | from 0.13 m² |
| Level of protection | IIIA in accordance to NIJ 0101.04 (soft armor) |
| Materials | Cordura® 1000D, YKK® |
| Available colours | A-TACS LE® |
| Weight | from 0.96 kg |
LIGHT PLATE CARRIER
COYOTE

- Can be utilized by military men, policemen, and civil persons.
- The pattern (color) of the outer cover can be customized.
- The vest protects the lethal zone (chest and back).
- There is also the possibility to insert soft armor in the cummerbund for anti-splinter protection level IIIA (.357 Magnum; .44 Magnum) NIJ.
- Battle-tested and tempered.

**MAIN PERFORMANCE DATA**

<table>
<thead>
<tr>
<th>Area of protection</th>
<th>from 11 dm²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Materials</td>
<td>Cordura®1000D, YKK®, 2M®, Hypalon®, Murdock Webbing®, leather</td>
</tr>
<tr>
<td>Pattern</td>
<td>Multicam®, Mil-Spec</td>
</tr>
<tr>
<td>Weight</td>
<td>from 0.8 kg</td>
</tr>
</tbody>
</table>

SMART PLATE CARRIER
MULTICAM®

- Can be utilized by military men, policemen, and civil persons.
- The pattern (color) of the outer cover can be customized.
- The vest protects the lethal zone (chest and back).
- There is also the possibility to insert soft armor in the cummerbund for anti-splinter protection level IIIA (.357 Magnum; .44 Magnum) NIJ.
- Battle-tested and tempered.

**MAIN PERFORMANCE DATA**

<table>
<thead>
<tr>
<th>Area of protection</th>
<th>from 0.13 m²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Protection level</td>
<td>IIIA (soft armor)</td>
</tr>
<tr>
<td>Vest material</td>
<td>Cordura®1000D, YKK®</td>
</tr>
<tr>
<td>Available colours</td>
<td>Multicam®</td>
</tr>
<tr>
<td>Weight</td>
<td>from 0.95 kg</td>
</tr>
</tbody>
</table>

LIGHT PLATE CARRIER
A-TACS IX®

- Can be utilized by military men, policemen, and civil persons.
- The pattern (color) of the outer cover can be customized.
- The vest protects the lethal zone (chest and back).
- There is also the possibility to insert soft armor in the cummerbund for anti-splinter protection level IIIA (.357 Magnum; .44 Magnum) NIJ.
- Battle-tested and tempered.

**MAIN PERFORMANCE DATA**

<table>
<thead>
<tr>
<th>Area of protection</th>
<th>from 0.11 m²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Protection level</td>
<td>IIIA (soft armor)</td>
</tr>
<tr>
<td>Vest material</td>
<td>Nylon 1000D, YKK®</td>
</tr>
<tr>
<td>Available colours</td>
<td>olive, coyote, black, acu, multicam</td>
</tr>
<tr>
<td>Weight</td>
<td>from 0.95 kg</td>
</tr>
</tbody>
</table>

LIGHT PLATE CARRIER
A-TACS AU®

- Can be utilized by military men, policemen, and civil persons.
- The pattern (color) of the outer cover can be customized.
- The vest protects the lethal zone (chest and back).
- There is also the possibility to insert soft armor in the cummerbund for anti-splinter protection level IIIA (.357 Magnum; .44 Magnum) NIJ.
- Battle-tested and tempered.

**MAIN PERFORMANCE DATA**

<table>
<thead>
<tr>
<th>Area of protection</th>
<th>from 0.11 m²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Materials</td>
<td>Cordura®1000D, YKK®, 2M®, Hypalon®, Murdock Webbing®, leather</td>
</tr>
<tr>
<td>Pattern</td>
<td>A-TACS AU®, Mil-Spec</td>
</tr>
<tr>
<td>Weight</td>
<td>from 0.8 kg</td>
</tr>
</tbody>
</table>

SMART PLATE CARRIER
A-TACS IX®

- Can be utilized by military men, policemen, and civil persons.
- The pattern (color) of the outer cover can be customized.
- The vest protects the lethal zone (chest and back).
- There is also the possibility to insert soft armor in the cummerbund for anti-splinter protection level IIIA (.357 Magnum; .44 Magnum) NIJ.
- Battle-tested and tempered.

**MAIN PERFORMANCE DATA**

<table>
<thead>
<tr>
<th>Area of protection</th>
<th>from 0.11 m²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Protection level</td>
<td>IIIA (soft armor)</td>
</tr>
<tr>
<td>Vest material</td>
<td>Cordura®1000D, YKK®, Murdock Webbing®, leather</td>
</tr>
<tr>
<td>Pattern</td>
<td>A-TACS IX®, Mil-Spec</td>
</tr>
<tr>
<td>Weight</td>
<td>from 0.95 kg</td>
</tr>
</tbody>
</table>
SMART PLATE CARRIER
A-TACS AU®
- Can be utilized by military men, policemen, and civil persons.
- The pattern (color) of the outer cover can be customized.
- The vest protects the lethal zone (chest and back).
- There is also the possibility to insert soft armor in the cummerbund for anti-splinter protection level IIIA (.357 Magnum; .44 Magnum) NIJ.
- Battle-tested and tempered.

**MAIN PERFORMANCE DATA**

<table>
<thead>
<tr>
<th>Area of protection</th>
<th>from 0.11 m²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Protection level</td>
<td>IIIA in accordance to NIJ 0101.04 (soft armor)</td>
</tr>
<tr>
<td>Vest material</td>
<td>Cordura® 1000D, YKK®</td>
</tr>
<tr>
<td>Available colours</td>
<td>A-TACS AU®</td>
</tr>
<tr>
<td>Weight</td>
<td>from 0.95 kg</td>
</tr>
</tbody>
</table>

SMART PLATE CARRIER
MARPAT DESERT®
- Can be utilized by military men, policemen, and civil persons.
- The pattern (color) of the outer cover can be customized.
- The vest protects the lethal zone (chest and back).
- There is also the possibility to insert soft armor in the cummerbund for anti-splinter protection level IIIA (.357 Magnum; .44 Magnum) NIJ.
- Battle-tested and tempered.

**MAIN PERFORMANCE DATA**

<table>
<thead>
<tr>
<th>Area of protection</th>
<th>from 0.11 m²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Protection level</td>
<td>IIIA in accordance to NIJ 0101.04 (soft armor)</td>
</tr>
<tr>
<td>Vest material</td>
<td>Cordura® 1000D, YKK®</td>
</tr>
<tr>
<td>Available colours</td>
<td>MARPAT Desert®</td>
</tr>
<tr>
<td>Weight</td>
<td>from 0.95 kg</td>
</tr>
</tbody>
</table>

SMART PLATE CARRIER
OLIVE, COYOTE, BLACK
- Can be utilized by military men, policemen, and civil persons.
- The pattern (color) of the outer cover can be customized.
- The vest protects the lethal zone (chest and back).
- There is also the possibility to insert soft armor in the cummerbund for anti-splinter protection level IIIA (.357 Magnum; .44 Magnum) NIJ.
- Battle-tested and tempered.

**MAIN PERFORMANCE DATA**

<table>
<thead>
<tr>
<th>Area of protection</th>
<th>from 0.11 m²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Protection level</td>
<td>IIIA in accordance to NIJ 0101.04 (soft armor)</td>
</tr>
<tr>
<td>Vest material</td>
<td>Cordura® 1000D</td>
</tr>
<tr>
<td>Available colours</td>
<td>olive, coyote, black, acu, multicam</td>
</tr>
<tr>
<td>Weight</td>
<td>from 0.95 kg</td>
</tr>
</tbody>
</table>

**M.U.B.S.**

BFPC
It is designed for carrying ballistic protection – hard plates and soft armor. Laser-cut MOLLE webbing allows to place various pouches for ammo, equipment and gear. Characteristics:
- is compatible with tactical belts, MOLLE belts, load-bearing systems, various assault and field packs
- Internal dimensions which are designed to carry ballistic protective plates 31×37 cm

**MAIN PERFORMANCE DATA**

<table>
<thead>
<tr>
<th>Shelter</th>
<th>&quot;Yuma&quot; 200D Nylon 6.6 (DRW coated)</th>
</tr>
</thead>
<tbody>
<tr>
<td>The tent size is</td>
<td>3×2.2 meters</td>
</tr>
<tr>
<td>Bag</td>
<td>500D Cordura (Nylon 6.6)</td>
</tr>
<tr>
<td>All materials are</td>
<td>NIR Compliant</td>
</tr>
</tbody>
</table>

**M.U.B.S.**

SSS
This set is complex solution that plays not only two, but three roles: seat, stretcher, shelter

**MAIN PERFORMANCE DATA**

- Can be utilized by military men, policemen, and civil persons.
- The pattern (color) of the outer cover can be customized.
- The vest protects the lethal zone (chest and back).
- There is also the possibility to insert soft armor in the cummerbund for anti-splinter protection level IIIA (.357 Magnum; .44 Magnum) NIJ.
- Battle-tested and tempered.

**UNIVERSAL FIELD POUCH**

D/BP
It is designed for carrying plastic water bottles up to 2 liters, military canteens or special water bottles. “D/BP” can be also used as a universal pouch for dumping empty magazines, carrying loaded magazines, smoke grenades.

Consists:
- main compartment
- back panel with “LC MOLLE Minus” attachment system
- three adjustable polyamide straps
M.U.B.S. AGP

Pouch is designed to carry 4 hand grenades or 9 40mm grenades. Also “AGP” can hold 75-round PKM chain, ammo in packs (5-9) packs and other suitable ammo or equipment.

M.U.B.S. SRFC-L

Field transport. case for sniper rifle M.U.B.S. “SRFC-L” (Sniper Rifle Field Cover Large Size) kit and designed to hold and carry precision, sniper and other rifles (up to 128 cm length) in field conditions.

M.U.B.S. SRFC-M

Case is designed to hold and carry precision, sniper and other rifles (up to 112 cm length) in field conditions.

M.U.B.S. MRE-FB

It is designed for carrying field rations (one pack), or two MRE-sized packages. “MRE-FB” can be also used as universal pouch for carrying ammo, mags, squad casualty kit or another clothing of equipment.

M.U.B.S. FIELD SYSTEM

BFBS

It is designed for carrying military equipment, ammo and special equipment in various pouches.

Characteristics:

- is designed for use with body armor of various designs.
- Inside “BFBS” there are damping pads for compensating load and enhancing comfort of the user while carrying pouches with ammo, explosives, grenades, rations, water bottles/ canteens or another equipment.
- All materials and accessories, used in BattleField Belt with Suspenders (“BFBS”) are NIR compliant.
<table>
<thead>
<tr>
<th>Single Rifle Mag Pouch</th>
<th>Double Rifle Mag Pouch</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tríple Rifle Mag Pouch</td>
<td>Grenade Pouch</td>
</tr>
<tr>
<td>Single Buckle Radio Pouch</td>
<td>Handcuff Pouch</td>
</tr>
<tr>
<td>Zipper Utility Pouch</td>
<td>Medical Pouch</td>
</tr>
</tbody>
</table>

**Gear Bag**

- Flash Light Pouch
- Hydration Pouch
- Bullet Pouch
The monocular Archer NVMA-14 is the most versatile of all night vision devices: its compact size and lightweight make it ideal for head mounting that allows the unit to be worn as a mono-goggle for hands free operation. The competitive advantage of Archer NVMA-14 is a possibility to use the monocular in conjunction with IR reticle projector as a sight for short-range use.

The other most noteworthy feature of this device is an autogated Gen 3 image tube that provides far superior performance in all light conditions.

### NIGHT VISION MONOCULAR

**NVMA-14**

The monocular Archer NVMA-14 is the most versatile of all night vision devices: its compact size and lightweight make it ideal for head mounting that allows the unit to be worn as a mono-goggle for hands free operation. The competitive advantage of Archer NVMA-14 is a possibility to use the monocular in conjunction with IR reticle projector as a sight for short-range use.

The other most noteworthy feature of this device is an autogated Gen 3 image tube that provides far superior performance in all light conditions.

#### MAIN PERFORMANCE DATA

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Generation</td>
<td>III</td>
</tr>
<tr>
<td>Resolution</td>
<td>60-64 lp/mm</td>
</tr>
<tr>
<td>Magnification</td>
<td>1x standard (3x, 5x, 8x optional)</td>
</tr>
</tbody>
</table>

#### OBSTACLES:

- **Objective lens**: 27 mm
- **Objective F number**: f/1.2
- **Field of view (FOV)**: 40°
- **Focus range**: 0.25 m - ∞
- **Exit Pupil Diameter**: 14 mm
- **Eye relief**: 25 mm
- **Diopter adjustment**: -6 - +2 dpt

#### FUNCTIONAL FEATURES

- **Manual Gain Control**: Yes
- **Bright Light Cut-off**: Yes
- **Infrared Illuminator**: Yes Automatic Shut-off System

#### OPERATING PARAMETERS

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Supply</td>
<td>CR123 Lithium 3V (1), or AA Alkaline 1.5V (1), or any AA or CR123 type rechargeable batteries with voltage from 1.2V to 3.2V (1)</td>
</tr>
<tr>
<td>Battery Life</td>
<td>60 hours</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-40°C - +50°C</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>-50°C - +70°C</td>
</tr>
<tr>
<td>Dimensions</td>
<td>165 x 120 x 61 mm / 162 x 102 x 69 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>0.49 kg / 0.65 kg</td>
</tr>
</tbody>
</table>

### NIGHT VISION GOGGLES

**NVGA-7, NVGA-15**

A dual-channel night vision goggle system Archer NVGA-15 utilizes two image intensifier tubes. This dual tube design provides increased depth perception and outstanding clarity. NVGA-15 is equipped with automatic brightness control, bright light shut-off circuitry, and a spot/ flood built-in IR illuminator. LED indicators displayed on the screen of the eyepiece are assigned to alert the user of a low battery or to indicate that the IR is turned on. For hands-free use, it can be worn on the included flip-up head mount or optional universal helmet mount, both of which have a built-in mechanism that will automatically turn the unit off when it is flipped up.

#### MAIN PERFORMANCE DATA

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Supply</td>
<td>CR123 Lithium 3V (1), or AA Alkaline 1.5V (1), or any AA or CR123 type rechargeable batteries with voltage from 1.2V to 3.2V (1)</td>
</tr>
<tr>
<td>Battery Life</td>
<td>60 hours / 40 hours</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-40°C - +50°C / -40°C - +50°C</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>-50°C - +70°C / -50°C - +70°C</td>
</tr>
<tr>
<td>Dimensions</td>
<td>165 x 120 x 61 mm / 162 x 102 x 69 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>0.49 kg / 0.65 kg</td>
</tr>
</tbody>
</table>
OPTOELECTRONIC NIGHT VISION CAMERAS

PERSONAL PROTECTION AND OPTOELECTRONIC SYSTEMS

NIGHT VISION SIGHTS

NVSA-2.5, NVSA-4.5, NVSA-6

The design of riflescopes comes in a dustproof waterproof housing with conveniently arranged controls. The optical circuitry of NVSA provides 2.5x, 4.5x or 6x magnification.

FEATURES:
- Wide array of IIT configurations
- 2.5, 4.5x or 6x magnification
- Shock protected, all-glass IR transmission multicoated optics
- Bright light cut-off
- Illuminated reticle with brightness adjustment
- Wireless remote control included
- Detachable long-range infrared illuminator
- Waterproof design
- Quick release mount
- Mounts to standard weaver rails

MAIN PERFORMANCE DATA

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Supply</td>
<td>CR123 Lithium 3V (1)</td>
</tr>
<tr>
<td>Battery Life</td>
<td>Up to 60 hours</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-40°C to +50°C</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>-50°C to +70°C</td>
</tr>
<tr>
<td>Dimensions</td>
<td>170 x 97 x 85 mm / 220 x 110 x 85 mm / 246 x 160 x 90 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>0.75 kg / 1.0 kg / 1.1 kg</td>
</tr>
<tr>
<td>Protection</td>
<td>IP67</td>
</tr>
</tbody>
</table>

NIGHT VISION CLIP-ONS

NVCOA-M, NVCOA-L, NVCOA-XL

Archer NVCOA-XL is a night vision unit that mounts in front of any existing day scope, converting the scope into a night vision-capable device with an extra-long viewing range of up to 1500 meters.

Suitable for use with most commercial and military specification daytime scopes (up to 16x magnification), Archer NVCOA-XL can be mounted/dismounted on any standard Picatinny rail in seconds, with no special tools required. It can be used with an advanced modular rangefinder with a wavelength of 905 nm in order to determine the exact distance between the observer and the target up to 2000 meters.

MAIN PERFORMANCE DATA

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Supply</td>
<td>CR123 Lithium 3V (1) or AA Alkaline 1.5V (1) or AA or CR123 type rechargeable batteries with voltage from 1.2V to 3.2V (1)</td>
</tr>
<tr>
<td>Battery Life</td>
<td>Up to 60 hours</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-40°C to +50°C</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>-50°C to +70°C</td>
</tr>
<tr>
<td>Dimensions</td>
<td>180 x 83 x 85 mm / 235 x 97 x 85 mm / 304 x 104 x 94 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>0.95 kg / 0.91 kg / 1.4 kg</td>
</tr>
<tr>
<td>Protection</td>
<td>IP67</td>
</tr>
</tbody>
</table>
INTEGRATED SURVEILLANCE AND DISTANCE MEASUREMENT EQUIPMENT

PERSONAL PROTECTION AND OPTOELECTRONIC SYSTEMS

Main Performance Data

**ARCHER TVC-3**

** MAIN PERFORMANCE DATA **

- Detector FPA: 336 x 256
- Objective: 40 mm
- Spectral range: 8-14 μm
- Field of view: 7.8° x 6.2°
- Frame rate: 30 Hz
- Power supply: 6-16 V
- Dimensions (L x W x H): 320 x 217 x 170 mm
- Operating temperature range: -30°С . +55°С
- Weight: 2.5 kg
- Protection class: IP65

**MAN SIZED TARGET:**
- Detection: 1280 m
- Recognition: 320 m
- Identification: 160 m

**ARCHER TVC-4**

** MAIN PERFORMANCE DATA **

- Detector FPA: 336 x 256
- Objective: 40 mm
- Spectral range: 8-14 μm
- Field of view: 7.8° x 6.2°
- Frame rate: 30 Hz
- Power supply: 6-16 V
- Dimensions (L x W x H): 320 x 217 x 170 mm
- Operating temperature range: -30°С . +55°С
- Weight: 3.7 kg
- Protection class: IP65

**MAN SIZED TARGET:**
- Detection: 1280 m
- Recognition: 320 m
- Identification: 160 m

**FEATURES:**
- 2x, 3x, 4x digital zoom.
- Different color schemes for the image refinement.

A surveillance camera TVC-3 is included in the set for installing on various vehicles (cars, boats) and is used as a supporting security tool when driving. Information is showed at the display of the device. The pan-and-tilt unit has a magnetic holder that ensures quick installation and removal of the surveillance camera. It also presupposes a stationary installation. The device ensures all-round surveillance: 360° in azimuth and 90° in elevation.

**SURVEILLANCE CAMERA**

**ARCHER TVC-3**

A surveillance camera TVC-3 is included in the set for installing on various vehicles (cars, boats) and is used as a supporting security tool when driving. Information is showed at the display of the device. The pan-and-tilt unit has a magnetic holder that ensures quick installation and removal of the surveillance camera. It also presupposes a stationary installation. The device ensures all-round surveillance: 360° in azimuth and 90° in elevation.

**FEATURES:**
- 2x, 3x, 4x digital zoom.
- Different color schemes for the image refinement.

**SURVEILLANCE CAMERA**

**ARCHER TVC-4**

Surveillance camera TVC-4 is a new survey and search device intended for installing on various vehicles (cars, boats). The device can be used also as a supporting security tool when driving. A distinctive feature of this model from the previous one is a built-in rangefinder with a range of up to 2000 meters and a beam of 1.6 x 0.5 m to 1 km. One more benefit of TVC-4 is an advanced design of a pan-and-tilt platform with positioning accuracy of 0.0013°. A camera is controlled by wired or wireless remote control. The device also has a function of 2x, 3x, 4x digital zoom, different color schemes and sensitivity settings for the image refinement.
### INTEGRATED SURVEILLANCE AND DISTANCE MEASUREMENT EQUIPMENT

**PERSONAL PROTECTION AND OPTOELECTRONIC SYSTEMS**

#### PN-B Guidance Device

PN-B guidance device is designed to form the target video signal as well as the missile guidance field within the laser beam at distances of 50 to 5000 m.

**MAIN PERFORMANCE DATA**

- **Overall dimensions:** 37x270x311
- **Weight:** not more than 14.6 kg
- **DC power supply voltage:** 27±2-5 V
- **Power consumption:** not more than 200 W
- **Distance of detection:**
  - of a MBT type ground target sized 2.5 m x 2.5 m
  - meteorological visibility distance not less than 25 km
  - under natural illumination of terrain not less than 25 km
  - under natural illumination of terrain from 100 to 104 lx and at contrast of a surveillance object against background not less than 0.5 km
- **Distance of formation of the guiding field:**
  - not less than 6.5 km

#### PN-90 Guidance Unit

PN-90 guidance unit is designed for visual tele-observation, target selection and tracking (by the gun pointer), formation of the guiding field inside laser beam within the range of programmed distances from 250 to 5000 m.

**MAIN PERFORMANCE DATA**

- **Overall dimensions:** 37x270x311
- **Weight:** not more than 14.6 kg
- **DC power supply voltage:** 27±2-5 V
- **Power consumption:** not more than 200 W
- **Distance of detection:**
  - of a MBT type ground target sized 2.5 m x 2.5 m
  - meteorological visibility distance not less than 25 km
  - under natural illumination of terrain not less than 25 km
  - under natural illumination of terrain from 100 to 104 lx and at contrast of a surveillance object against background not less than 0.5 km
- **Distance of formation of the guiding field:**
  - not less than 6.5 km

#### OEM-L, OEM-L1 Optoelectronic Modules

OEM-L and OEM-L1 optoelectronic modules with laser guidance channel are designed to register background and target situation, to find distance under natural and low illumination, and to form the space-and-time structure of the laser information guidance field ranging from 50 to 5000 m.

**MAIN PERFORMANCE DATA**

- **Overall dimensions:** not more than 14.6 kg
- **Power consumption:** not more than 200 W
- **Distance of detection:**
  - of a MBT type ground target sized 2.5 m x 2.5 m
  - meteorological visibility distance not less than 25 km
  - under natural illumination of terrain not less than 25 km
  - under natural illumination of terrain from 100 to 104 lx and at contrast of a surveillance object against background not less than 0.5 km
- **Distance of formation of the guiding field:**
  - not less than 6.5 km
### TACTICAL FIRST AID KITS

Individual casualty response kits with set of tactical medicine items to provide first aid on the battlefield or in any case of emergency, according to TCCC / TECC protocols. It is based on IFAK first aid kits, used in NATO countries armies. Tactical medicine products, included in this kit, are manufactured by «AB-PHARMA» company (Ukraine) and Kikgel (Poland), certified by Ministry of Health of Ukraine and recommended for medical use.

**MINIMAL CONFIGURATION**

- Hemostatic tourniquet Tourniquet PYTHON-2 1 pc
- Compressed Gauze Hemostatic 1 pc
- Wound Dressing (Bandage 15 cm) with hemostatic cloth 1 pc
- Mini Duct Tape Roll 1 pc
- Nitrile Gloves 2 pairs
- Permanent marker 1 pc
- IFAK Pouch with MOLLE/PALS connectors or Vacuum packaging 1 pc

**BASIC CONFIGURATION**

- Hemostatic tourniquet Tourniquet PYTHON-2 1 pc
- Compressed Gauze Hemostatic 1 pc
- Wound Dressing (Bandage 15 cm) with hemostatic cloth 1 pc
- Wound Dressing (Bandage 10 cm) with hemostatic cloth 1 pc
- Trauma Shears 1 pc
- Mini Duct Tape Roll 1 pc
- Burn Dressing Burn Tec 6 x 12 cm 1 pc
- Burn Dressing Burn Tec 10 x 10 cm 1 pc
- Nitrile Gloves 2 pairs
- Permanent marker 1 pc
- IFAK Pouch with MOLLE/PALS connectors or Vacuum packaging 1 pc

**EXTENDED CONFIGURATION**

- Hemostatic tourniquet Tourniquet PYTHON-2 1 pc
- Gauze Z-fold Hemostatic 1 pc
- Wound Dressing (Bandage 15 cm) with hemostatic cloth 1 pc
- Wound Dressing (Bandage 10 cm) with hemostatic cloth 1 pc
- Trauma Shears 1 pc
- Mini Duct Tape Roll 1 pc
- Burn Dressing Burn Tec 6 x 12 cm 2 pc
- Burn Dressing Burn Tec 10 x 10 cm 1 pc
- Nitrile Gloves 2 pairs
- Permanent marker 1 pc
- IFAK Pouch with MOLLE/PALS connectors or Vacuum packaging 1 pc

**PREMIUM CONFIGURATION**

- Hemostatic tourniquet Tourniquet PYTHON-2 2 pc
- Gauze Z-fold Hemostatic 1 pc
- Wound Dressing (Bandage 15 cm) with hemostatic cloth 1 pc
- Wound Dressing (Bandage 10 cm) with hemostatic cloth 1 pc
- Trauma Shears 1 pc
- Mini Duct Tape Roll 1 pc
- Nasopharyngeal Airway 1 pc
- Burn Dressing Burn Tec 6 x 12 cm 2 pc
- Burn Dressing Burn Tec 10 x 10 cm 2 pc
- Survival Foil Blanket Silver AVF 1 pc
- Nitrile Gloves 2 pairs
- Permanent marker 1 pc
- IFAK Pouch with MOLLE/PALS connectors or Vacuum packaging 1 pc

### COMBAT CASUALTY RESPONSE KIT

Individual casualty response kit with a basic set of tactical medicine items to provide first aid on the battlefield or in any case of emergency, according to TCCC / TECC protocols. It is based on IFAK first aid kits, used in NATO countries armies.

**BASIC CONFIGURATION**

- IFAK Pouch: compact size allows easy attachment using MOLLE/PALS style connectors to the assault vest/body. Or Armor IFAK Pouch, Quick Detach Panel mode
- Tourniquet Piton AVF 1
- Compressed Gauze AVF 1
- Emergency/Military Bandage 15 sm/6' AVF 1
- Trauma Shears (Paramedic Scissors) 1
- Mini Duct Tape 1
- Burn Dressing Burn Tec 6 x 12 cm 1
- Burn Dressing Burn Tec 10 x 10 cm 1
- Nitrile Gloves 2 pairs

**BASIC+ CONFIGURATION**

- IFAK Pouch: compact size allows easy attachment using MOLLE/PALS style connectors to the assault vest/body. Or Armor IFAK Pouch, Quick Detach Panel mode
- Tourniquet Piton AVF 1
- Z-fold Hemostatic Gauze AVF 1
- Emergency/Military Bandage 15 sm/6' AVF 1
- Emergency/Military Bandage 10 sm/4' AVF 1
- Trauma Shears (Paramedic Scissors) 1
- Mini Duct Tape 1
- Burn Dressing Burn Tec 6 x 12 cm 2
- Burn Dressing Burn Tec 10 x 10 cm 2
- Survival Foil Blanket Silver AVF 1
- Nitrile Gloves 2 pairs

**EXTENDED CONFIGURATION**

- IFAK Pouch: compact size allows easy attachment using MOLLE/PALS style connectors to the assault vest/body. Or Armor IFAK Pouch, Quick Detach Panel mode
- Tourniquet Piton AVF 1
- Compressed Gauze AVF 1
- Z-fold Hemostatic Gauze AVF 1
- Emergency/Military Bandage 15 sm/6' AVF 1
- Emergency/Military Bandage 10 sm/4' AVF 1
- Nasopharyngeal Adjustable Airway AVF with Lubricant 1
- Trauma Shears (Paramedic Scissors) 1
- Mini Duct Tape 1
- Burn Dressing Burn Tec 6 x 12 cm 2
- Burn Dressing Burn Tec 10 x 10 cm 2
- Survival Foil Blanket Silver AVF 1
- Nitrile Gloves 2 pairs
TOURNIQUET

PYTHON-3

Used in combat conditions, and other emergency situations. Includes reinforced windlass, stabilization plate, windlass clip and writeable windlass security strap. One-handed application tourniquet for quick control of life-threatening bleeding. Effective in occluding blood flow in both upper and lower extremities.

MAIN PERFORMANCE DATA

<table>
<thead>
<tr>
<th>Materials</th>
<th>plastic fittings, rep tape, double-sided Velcro tape</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions (open)</td>
<td>L94 x W3,38 cm</td>
</tr>
<tr>
<td>Product color</td>
<td>black, blue or orange</td>
</tr>
<tr>
<td>Product weight</td>
<td>84 g</td>
</tr>
<tr>
<td>Packaged size</td>
<td>L14,5 x W4 x D4 cm</td>
</tr>
<tr>
<td>Net weight</td>
<td>85 g</td>
</tr>
<tr>
<td>Shelf life</td>
<td>5 years</td>
</tr>
</tbody>
</table>

Z-FOLDED HAEMOSTATIC GAUZE

Z-folded hemostatic gauze designed to stop the arterial and venous bleeding of different intensity. It consists of a dense non-woven fabric coated with chitosan hemostatic agent to control severe bleeding. Vacuum pouch of this product is compact, and keeps it sterile while being undamaged. Illustrated instruction is printed on the back of packaging. Material: dense non-woven fabric impregnated with chitosan hemostatic agent.

MAIN PERFORMANCE DATA

<table>
<thead>
<tr>
<th>Z-folded configuration</th>
<th>X-ray Detectable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-exothermic (non-heat producing)</td>
<td></td>
</tr>
<tr>
<td>Dimensions</td>
<td>1 sterile tape (L450 x W8 cm)</td>
</tr>
<tr>
<td>Product color</td>
<td>white</td>
</tr>
<tr>
<td>Product weight</td>
<td>20 g</td>
</tr>
<tr>
<td>Product size</td>
<td>L140xW10cm</td>
</tr>
<tr>
<td>Packaging</td>
<td>vacuum packed</td>
</tr>
<tr>
<td>Net weight</td>
<td>24 g</td>
</tr>
<tr>
<td>Shelf life</td>
<td>5 years</td>
</tr>
</tbody>
</table>

COMPRESSED GAUZE

The compressed rolled gauze designed for tamponade of the gunshot, stab, and laceration wounds. Effectively stops bleeding by creating pressure in the wound, and provides the rapid formation of a blood clot.

MAIN PERFORMANCE DATA

<table>
<thead>
<tr>
<th>Material</th>
<th>The sterile flexible 6-layers cotton</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>L380 x W11 cm flexible</td>
</tr>
<tr>
<td>Packaging</td>
<td>vacuum packed</td>
</tr>
<tr>
<td>Net weight</td>
<td>30 g</td>
</tr>
<tr>
<td>Shelf life</td>
<td>5 years</td>
</tr>
</tbody>
</table>

EMERGENCY BANDAGE

WOUND DRESSING

Elastic bandage with a clip to create a local pressure to the wound. It is used to stop bleeding, bandaging, and fixation of damaged extremities. Due to its design, the bandage allows you to apply it with one hand and does not require additional fixation.

MAIN PERFORMANCE DATA

<table>
<thead>
<tr>
<th>Material</th>
<th>blend of medical grade yarn, medium stretch</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>L140xW10cm/L140 cm x W15 cm</td>
</tr>
<tr>
<td>Packaging</td>
<td>vacuum packed</td>
</tr>
<tr>
<td>Net weight</td>
<td>81/92 g</td>
</tr>
<tr>
<td>Shelf life</td>
<td>5 years</td>
</tr>
</tbody>
</table>

OCCLUSIVE DRESSING WITH HEMOSTATIC CLOTH

Occlusive dressing on an adhesive basis to block air access to the wound. It is used with external open pneumothorax potentially caused by a penetrating chest trauma. Completed with hemostatic cloth for preliminary cleaning of the wound.

MAIN PERFORMANCE DATA

<table>
<thead>
<tr>
<th>Material</th>
<th>silicone base, permanent adhesive, hemostatic cloth on non-woven basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>L16xW14cm</td>
</tr>
<tr>
<td>Packaging</td>
<td>vacuum packed</td>
</tr>
<tr>
<td>Net weight</td>
<td>35 g</td>
</tr>
<tr>
<td>Shelf life</td>
<td>5 years</td>
</tr>
</tbody>
</table>
**NASOPHARYNGEAL ADJUSTABLE AIRWAY**

Designed to be inserted into the nasal passageway to secure an open airway. Airway length is adjustable.

**MAIN PERFORMANCE DATA**

<table>
<thead>
<tr>
<th>Material</th>
<th>silicone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Packaging</td>
<td>vacuum packed</td>
</tr>
<tr>
<td>Product weight</td>
<td>17/19 g</td>
</tr>
<tr>
<td>Lubricating jelly</td>
<td>Methylparaben and Propylparaben</td>
</tr>
<tr>
<td>Shelf life</td>
<td>5 years</td>
</tr>
</tbody>
</table>

**EMERGENCY FOIL BLANKET**

Emergency foil blanket (space blanket) is an especially low-weight, low-bulk blanket made of heat-reflective thin foil/plastic sheeting. The design reduces the heat loss in a person’s body which would otherwise occur due to thermal radiation, water evaporation, or convection. Size: 210x160 cm. Material: foil/plastic. Product color: silver. Product weight: 56 g.

**IMMOBILIZATION SPLINT**

A lightweight, strong, comfortable splint that can be easily molded to fit almost any fracture. Waterproof, reusable, radiolucent and compact. Specifically designed to meet military needs and standards.

**MAIN PERFORMANCE DATA**

<table>
<thead>
<tr>
<th>Material</th>
<th>soft aluminum, foam</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>L 91.44 x W 10.79 x D0.7 cm</td>
</tr>
<tr>
<td>Packaging</td>
<td>plastic pack</td>
</tr>
<tr>
<td>Net weight</td>
<td>165 g</td>
</tr>
<tr>
<td>Shelf life</td>
<td>5 years</td>
</tr>
</tbody>
</table>