



**NEW
EQUIPMENT
FOR NEW
TASKS**



KAMPO JSC – Russian leading manufacturer of oxygen and air breathing equipment for aerospace, firefighting, rescue, emergency aid and underwater applications.



KAMPO began its history 65 years ago in 1953 as oxygen and breathing equipment design bureau and now it has become a leading manufacturer in the sphere.

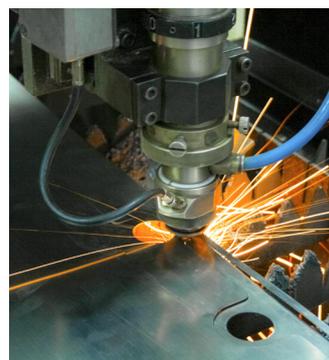
Being one of the oldest manufacturers in the industry KAMPO has taken its place in history. Devices created by KAMPO were used during Yuri Gagarin's first ever space flight, Alexei Leonov's first ever spacewalk and every search and rescue mission by Russian Navy.

Benefiting from its scientific and instrument engineering background KAMPO actively develops new products and nowadays it is a diversified full production cycle company that develops, manufactures, supplies and provides service for:

- Aerospace breathing equipment
- Sea and underwater equipment
- Firefighting equipment
- Oxygen compressors
- Special knives
- High pressure cylinders and testing equipment
- Modular shipbuilding

Incorporating the most advanced technologies tested in the extreme conditions of space and deep sea KAMPO's products have become epitome of reliability.

Accredited with ISO 9001:2018, KAMPO is committed to a safe, clean and efficient working environment, coupled with experienced project management, high quality customer service support.



OMEGA SCBA

Self-contained breathing apparatus



OMEGA is modern lightweight self-contained breathing apparatus from KAMPO JSC. OMEGA is intended for use by fire service, industrial rescue, airport and marine rescue teams.

OMEGA has been designed to provide user respiratory and eyes protection in hazardous environments.

Time-proven aerospace technologies and hazardous conditions application experience have been utilized in OMEGA SCBA design.

Main features and benefits

- Operational reliability – no spare parts required during life time.
- Rigid and comfortable backframe – adjustable length, swiveling waistbelt.
- Adjustable padded shoulder straps.
- Simple to operate and maintain – no special tools required.



| Specification | |
|--|--|
| Cylinder volume, l: – 1 cylinder (steel or composite) – 2 cylinders (steel or composite) | from 4.7 to 10 from 4.7 to 6.8 each |
| Weight (without cylinder), kg | 5.7 |
| Protection time, min | from 60 to 120 |
| Operation temperature range, °C | from -50 до +60 |
| Cylinder working pressure, Bar | 300 |
| Lifetime, years | 10 |



Full face mask



Body harness



Demand valve AP-2000



Demand valve Delta



Buddy breather 2nd connection



Warning whistle

KU-9V

Test unit



KU-9V test unit has been designed to provide standard function check procedures for wide range of compressed air breathing apparatuses.

KU-9V is suitable for testing different types of SCBA masks and can be equipped with plastic test head, inflatable test head or test disk.

Main features and benefits

- Compact lightweight design.
- Shockproof and dustproof case.
- Simple and reliable pneumatic circuit.
- Mechanical design, no electric power supply.



Plastic test head



Testing device



Inflatable test head

VECTOR

Supplied air respirator (SAR)



VECTOR is intended for respiratory and eyes protection and can be used for confined space entry, hazardous materials handling and a number of general maintenance tasks in wide variety of industries including chemical, oil and gas and public utilities.

Main features and benefits

- VECTOR can be configured to meet any user requirements depending on working conditions.
- Combination of respiratory protection and escape capability minimizes risk of accidents.
- Horizontal and vertical cylinder arrangement.
- Steel and composite cylinder versions are offered (2 and 3 liters volume).

CASCADE

Air supply trolley system



CASCADE is intended for compressed air supply for users of breathing apparatuses like OMEGA and VECTOR.

It provides almost unlimited amount of air.

Main features and benefits

- Compact lightweight design.
- Pressure reducer unified with OMEGA SCBA.
- Available in 2 or 4 cylinder versions.
- Cylinders can be quickly changed during operation.
- Air supply up to 5 users.
- Hose reel holds up to 60 meters of PVC antistatic air supply hose.
- Two reels version is available.

ADA-PRO

Escape air breathing apparatus



ADA-PRO is an emergency life support air breathing apparatus. It provides reliable respiratory and eyes protection for situations when rapid escape from hazardous environments is a must.

ADA PRO can be used by professional rescue teams for personnel escape management from hazardous environments.

Intended for use by trained personnel.

Main features and benefits

- Communication unit installed in the full-face mask provides verbal communication and control during escape.
- Jacket-shape harness enables fast apparatus donning and comfortable wearing.
- Air on demand valve provides positive pressure, maximum level of protection and long operation time.
- Available in hooded or facemask version.



ADA-2

Escape breathing apparatus



ADA-2 is an open circuit positive pressure self-contained emergency life support air breathing apparatus. It provides reliable respiratory and eyes protection for situation when rapid escape from hazardous environments is a must.

Main features and benefits

- Original hood completely protects head, provides excellent visibility and easy donning.
- No personal adjustment needed.
- Thanks to constant positive pressure air flow any suction of harmful substances is eliminated.
- Unlike to filtering devices ADA-2 can be used in low oxygen atmosphere.
- Extremely simple to operate. No special skills required.
- Suitable for children, persons with long hair and beards.

SVV

Free-flow diving helmet



During our history we developed a number of designs including unique helmets for depths up to 500m, special helmets for one of a kind tasks and a range of serial production helmets. Today we accumulated more than 50 years of experience into our latest free-flow diving helmet «SVV».

SVV has been designed for diver's life support during underwater tech-, emergency rescue and other types of works at a depth up to 60m in contaminated environments (including high concentration of petroleum products) and temperature from -2 to +35 °C.

Helmet has been designed to completely prevent any chance of debris or dirt ingress during dredging, oil spill clean-up and other types of works and can be utilized in conditions when equipment with open circuit is not safe.

Main features and benefits

- Neck ring of the SVV diving helmet is unified with Kirby Morgan SuperLite 27 helmet therefore making SVV compatible with the majority of international equipment.
- SVV helmet has backup breathing valve to supply breathing gas to the diver.
- SVV helmet has atmospheric valve that allows diver to switch to the atmosphere air without removing equipment thus helping to save compressed air.
- Helmet provides constant airflow onto the face port/lens to defog and ventilate, no need to stop working to use defogging valve.
- Diver breathes through special valve on the half mask and exhales into the exhaust channel that lets out bubbles behind divers face port therefore drastically increasing visibility and minimizing internal noise.
- SVV's handle is specially designed to allow different types of attachments (cameras, lights) and prevent tangling of umbilicals.
- Flexible air hose of the helmet can be easily installed and provides better protection from mechanical impacts.
- Convenient and simple drying system in case of flooding.
- Well balanced fit with excellent thermal protection for prolonged works.
- Excellent speech intelligibility, compatible with many communication systems.
- Quick connects provide easy doffing and donning without special instruments.
- SVV diving helmet has increased field of vision, due to bigger face port.
- Helmet has bail-out system for additional safety.



VM-6

Full face mask



Diving mask VM-6 is used for underwater technical, search and rescue operations and other types of works. Mask is widely used by diving and emergency teams and Russian Navy all around Russian Federation.

VM-6 with telephone-microphone underwater headset has 2 or 4 pin sealed connectors. Telephone is secured on a flexible fitting for convenient regulation. Microphone is located directly across the mouth therefore providing intelligibility of diver's voice.

Main features and benefits

- VM-6 has atmospheric valve that allows quick switch to atmospheric air without unequipping gear for saving compressed air during diving preparations.
- Demand valve provides breathing resistance regulation from minimum to free flow.
- No fog inside of the mask because of the air circulation under the lenses.
- Comfort fit of the mask is ensured by ultra-flexible and wide eye skirts and 5 wide rubber belts with shatter-proof plastic locks.
- Flat lenses with matted sides prevent any optical disturbances and minimize blind zone.
- Mask provides optimal field of vision due to the bubble outlet through side deflectors.
- Demand valve is balanced providing low breathing resistance independently from air pressure fluctuations in the hose.

Options

- VM-6 with telephone-microphone underwater headset.
- VM-6 without communicator unit.



AIR AND ELECTRIC DRIVEN OXYGEN BOOSTER PUMPS



Compressors are used to pump oxygen from transport cylinders to low-volume cylinders simultaneously boosting pressure.

Main features and benefits

- Booster pumps may be quickly deployed in the field where pneumatic drive (for example, truck pneumatic system) or electric generator is available.
- Safe pneumatic operation – no heat, flame or spark risk.
- Pumps have auto switch that protects them from overheating.
- Auto switch off when maximum pressure is reached.
- Compressor is compactly designed and utilizes crankshaft mechanism made of modern materials with no lubrication.
- All moving parts, mounting and electrical components are covered.
- Plunger-cylinder seal uses special grease lubrication that needs no replacement therefore drastically decreasing costs of use and simplifying service in comparison to analogues.
- Compressor is easy to maintain and won't require highly qualified service personnel.
- 15 years working life.



| Specification | |
|--------------------------------------|-------------------------------------|
| Air-Driven | Electric-Driven |
| Max. operating pressure 250 Bar. | Max. operating pressure 300 Bar. |
| Weight 33 kg. | Weight 48 kg. |
| Dimensions 810x320x220 mm. | Dimensions 700x410x300 mm. |
| Control unit power supply 12VDC. | Power supply 380VAC/50 Hz. |
| Control unit power consumption 25 W. | Power consumption 1.5 kW. |
| 4 – 1 boost ratio. | 3–1 boost ratio. |
| Drive air pressure 7 – 10 Bar. | - |
| Drive air flow (min) 200 l/min. | - |
| Operating conditions +5°C to +40°C. | Operating conditions +10°C to +40°C |



DISTRIBUTOR OFFER

ABOUT US

KAMPO brings access to its engineered for reliable performance technologies for the international market and welcomes potential partners.

OUR OFFER:

- Equipment that complies with European safety standards, tested in harsh environmental conditions of Russia.
- Flexible discount system, extra bonus at the end of the accounting period (upon meeting of the sales plan), special conditions for major dealers.
- Marketing support including participation in significant exhibitions and conferences of your country, demonstrations and testing, etc.
- Customer support such as training and education of specialists on site and at production premises, documentation and technical support.

REQUIREMENTS TO DISTRIBUTORS:

3 years work experience in one of the following fields:

- professional diving and underwater rescue,
- fire fighting and emergency rescue equipment,
- industrial fire safety, government procurement and tender experience,
- equipment for ships,
- equipment for airports.



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KAMPO

**WE WELCOME EXPERIENCED COMPANIES IN FIREFIGHTING
AND RESCUE MARKETS TO BECOME OUR DEALERS.
WE OFFER FLEXIBLE DEALERSHIP PACKAGES**



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