## Exclusive AIS Technology

3 minutes more of air are extremely important when one works in critical conditions, during firefighting or in rescuing.

For this reason SPASCIANI developed and patented AIS Technology, a unique acoustic alarm integrated in the demand valve, which warns when the air in the cylinder is running out and activated by the wearer's inhalation without air waste.

It's a system safe and protected from external agents, such as frost or dirt, that extends up to 30% the time available to quit, in all safety, from the operation area.

## **J** minutes more



(Ex) CE 🛞

Breathing apparatus RN are certified Ty 89/686/EEC (PPE), 97/23/EC



## 6 GOOD REASONS

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1. No air loss 2. Sealed warning device 3. Self-test 4. Alarm audible in any circumstances 5. Alarm at distance 6. Second operator alarm



## BREATHING APPARATUS RN INDUSTRIAL BREATHING APPARATUS RN

(A)



# ACCESSORIES

# ARAC TEST

# 4 WAY VALVE

BVF

# SYSTEM MODULES





### Cylinder sleeve

maintaining in optimal conditions cylinde also when used in extreme conditions.

frame allows those that normally wear glasses to use a full face mask in total safety.

### Metal cabinet

### TEST AND MAINTENANCE Checking the breathing apparatus is an essential operation to always have an efficient and safe equipment.

SPASCIANI developed ARAC-Test, a line of specific tools able to make sure that the breathing apparatus perform as required by the EN 137. These tools can be used by specially trained people to perform maintenance operations.

ARAC TEST ST1 is a test bench able to run at ease all the static tests required during the checking of a breathing apparatus and its mask, through its inflatable head. This equipment is based on a pneumatic section managed by an integrated processor. A pre-installed firmware allows to run the pneumatic following specific test routines and an internal memory keeps record of a vast number of SCBA checked.

The bench can be upgraded depending on the needs of the client. The addons, such as software manager, dynamic modules etc., can be added at a later stage.

The ARAC MINI was developed to be able to test the efficiency of breathing apparatus on the field. It is completely transportable being held in one little carrying case. It is completely manual and it requires neither electricity nor compressed air.

### The 4-way valve is a connector that links the RN to a compressed air line.

The 4-way valve is an automatic device with two medium pressure inlets provided BVF is ideal for use in fast interventions in chemical plants or for the escape from with male quick connectors and two medium pressure outlet provided with female auick connectors.

The device is mounted on an holder with two slits for the connection to the support belt of RN or BVF breathing apparatus or to the supporting belt used for holding the medium pressure hose of the RC or RL systems.

Two feeding sources at medium pressure can simultaneously be connected to the inlets, two operators can be fed by connecting their demand valves to the outlets.

The feeding sources that can be connected to the inlets are the main feeding from an air line system set at 5-6 bar (LINE inlet) and a breathing apparatus RN or BVF. The 4-way valve is automatic and it switches the feeding from air line to the isolating breathing device if the line is interrupted for any reason (accidentally or done on purpose by the user).

## Self contained breathing apparatus provided with 3 liter 300 bar steel cylinder.

dangerous areas.

The BU system allows to set the apparatus so that the alarm is immediately activated in case of a failure of the main air supply (compressor or cylinder). BVF adds the highest degree of safety and comfort to the efficiency, versatility and simple use of the RN System, as well as the astonishing field of vision of the SPASCIANI TR 2002 A mask.



Self contained breathing apparatus



TR 2002 CL3 / CL2 They are also available in silicone.



Demand valve BN Demand valve with quick connector to DIN 58600 activates at the first inhalation with two easy buttons to release the valve.



Demand valve A Demand valve with standard connection to EN 148-3 (M45x3), easy to screw onto the mask even with gloved hands

4-way valve

ISJ

MADE IN ITALY

ARAC MINI Plus and ARAC ST



Fwin cylinder The system RN can operate with two cylinders to extend the autonomy of the set. Simple T connectors allow the operator to equip with two composite cylinders of 6,8 l or 9 l.



Composite cylinders The breathing apparatus RN can be outfitted with composit cylinders which lighten the set and grant more agility to the operator. The capacity of these cylinders can be 6,8 I 300 bar o 91 300 bai



Steel cylinders RN series can be equipped with steel cylinders of differen volume and pressure capacity. SPASCIANI can offer 3 I 300 bar 7 | 200 bar, 6 | 300 bar cylinders.



Excess Flow Valve (EFV) The EFV, fitted onto SPASCIANI Self Contained Breathing Apparatus, limits the uncontrolled exit of compressed air from a high pressure cylinder in case of breaking of the valve or in case of unintentional and sudden opening.



TR 82 A/TR 82 B

These full face masks can be used with the breathing apparatus RN. They are made of a face blank manufactured in EPDM and a panoramic visor offering wide visibility. They meet the requirements EN 136:1998 Class 3. They are also available in silicone.



Full face mask in EPDM, it features a modern design and its extremely broad visor grants a wide field of vision. The mask is available in two different versions: A and BN, both in class 2 and in class 3, according to EN 136:1998.



Soft belt This soft belt in the hips area improves portability of the breathing apparatus, increasing comfort when used for long periods of time.