



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.

3 minutes more



6 GOOD REASONS



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

SCBA SERIES INDUSTRIAL

They are self contained breathing apparatus whose duration depends on the cylinder mounted: 3 or 6 liter 300 bar steel or 6,8 or 9 liter 300 bar composite cylinders. **RN** can be supplied with mask and demand valve type A (EN148-3) or with mask and demand valve type BN (snap in connector and threaded connector EN148-1 for filters; the masks automatically sets itself correctly for the negative pressure when used with filters). This breathing apparatus is ideal for maintenance interventions in chemical plants, to work in very polluted environments or in oxygen deficiency.

Back plates

| | |
|-----------|---------|
| 158730000 | RN T1 |
| 158750000 | RN |
| 1587100EC | RN BIBO |
| 158250000 | BVF |
| 158290000 | BVF BU |
| 158320000 | RN MINI |

Masks

| | |
|----------|------------------|
| 11230000 | TR 82 A |
| 11231000 | TR 82 |
| 11300000 | TR 2002 A CL3 |
| 11306000 | TR 2002 S A CL3 |
| 11301000 | TR 2002 BN CL3 |
| 11307000 | TR 2002 S BN CL3 |

Demand valves

| | |
|-----------|----|
| 1588500CJ | A |
| 1579100CJ | BN |

Cylinders

| | |
|-----------|--|
| 923030000 | Cylinder 3 L 300 Bar |
| 92303000C | Cylinder 3 L 300 Bar - Composite |
| 924630000 | Cylinder 6 L 300 Bar |
| 92446000C | Cylinder 6,8 L 300 Bar - Composite |
| 92449000C | Cylinder 9 L 300 Bar - Composite |
| 92426000C | Cylinder 6,8 L 300 Bar - Composite PTFE unlimited life |
| 92427000C | Cylinder 7,2 L 300 Bar - Composite PTFE unlimited life |
| 92428000C | Cylinder 8,4 L 300 Bar - Composite PTFE unlimited life |

Accessories

| | |
|-----------|---|
| 926900000 | Flame resistant sleeve for cylinder (6 L/6,8 L) |
| 926910000 | Flameproof sleeve for cylinder made of Nomex® |
| 9324400CJ | 4Way valve |
| 151530000 | Supplementary warning device |
| 936010000 | Excess flow valve |
| 7799500CJ | Rescue hood |
| EATEX0000 | ATEX certification |



Confined spaces and oxygen deficient environments, tanks and plants inspections: RN breathing apparatus is the right product to face any risk safely.

Panoramic mask in overpressure with broad field of vision

Demand valve with integrated acoustic patented warning device

Adjustable and padded harness which improves comfort and allows prolonged use of the set

Ergonomic back-plate comfortably distributing the weight and keeping the SCBA stable on the operator's back

Cylinder anchorage with new locking device and retro-reflecting strap

Photoluminescent gauge with scale also in PSI, up to 360 bar and with colored exhaustion area between 50 and 0 bar

Piston pressure reducer whose outlet pressure stays constant while the cylinder pressure decreases



RN MINI

A self contained breathing apparatus (SCBA) that uses an open-circuit breathing system, not depending from the environment.

The **RN MINI** are lightweight apparatus – the set weighs 10,5 Kg, complete with mask and 3 l 300 bar fully charged steel cylinder and 7,5 Kg with mask and fully charged 3 l 300 bar composite cylinder – intended for short interventions and equipped with a small and compact back-plate carrying system to allow operators to easily access confined spaces. SPASCIANI **RN MINI** self-contained breathing apparatus are classified as

Type 1 (device for industrial use) available just with 3 l cylinders. SPASCIANI **RN MINI** self-contained breathing apparatus are optionally provided with the Automatic 4-way valve, an accessory that allows to feed a second operator who will then be equipped with an individual warning device signal at his mask; with this accessory it is also possible to connect the self-contained breathing apparatus to an alternative source of air to prolong its autonomy and/or to ensure a safe escape whenever the main feeding source has suffered an accidental interruption. SPASCIANI **RN MINI** self-contained breathing apparatus are certified with all Spasciani fullface masks.

Mask selected among Spasciani models

Demand valve with AIS technology

Shoulder straps with paddings to improve comfort

3l 300 bar composite or steel cylinder

Small and compact back plate

Possible use with 4way valve

Photoluminescent pressure gauge scaled, also in PSI, up to 360 bar and colored exhaustion area between 50 and 0 bar

Piston reducer whose outlet pressure remains constant while cylinder pressure decreases



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

BVF is ideal for use in fast interventions in chemical plants or for the escape from 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.



SYSTEM MODULES



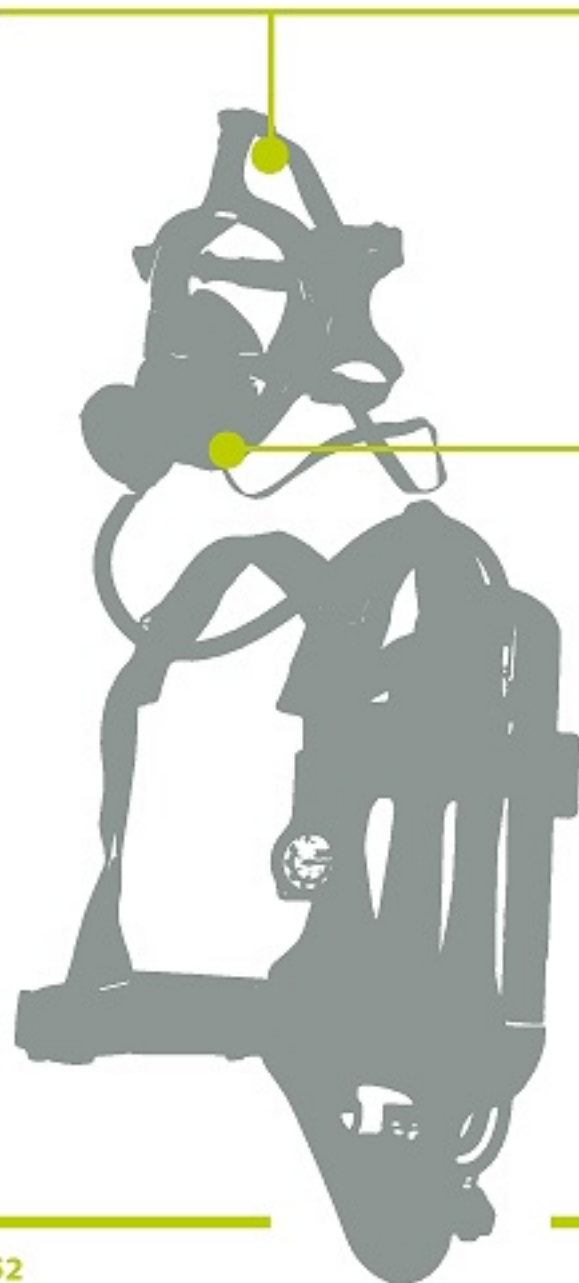
TR 2002 CL3 / CL2

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. They are also available in silicone.



TR 82 A / TR 82 B

These full face masks can be used with the breathing apparatus BN. 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.



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.



Soft belt

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



Supplementary warning device

The accessory "supplementary warning device" can be mounted, on request, onto the reducer. This alarm gives the possibility to add a continuous whistle to the intermittent alarm signal built into the demand valve.



Twin cylinders

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 composite cylinders which lighten the set and grant more agility to the operator. The capacity of these cylinders can be 6,8 l 300 bar or 9 l 300 bar.



Steel cylinders

RN series can be equipped with steel cylinders of different volume and pressure capacity. SPASCIANI can offer 3 l 300 bar, 7 l 200 bar, 6 l 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.

SCBA SERIES FR FIRE FIGHTING

They are self contained breathing apparatus specifically designed for fire fighting, whose duration depends on the cylinder mounted: 3 or 6 liter 300 bar steel or 6,8 or 9 liter 300 bar composite cylinders.

RN FR can be supplied with mask and demand valve type A (EN148/3) or with mask and demand valve type BN (snap-in connector and threaded connector EN148/1 for filters).

The breathing apparatus is ideal for fire brigades and rescue teams for fire fighting and activities in extremely polluted environments or in oxygen deficiency.

| Back plates | |
|---------------|--|
| 15875FR00 | RN FR |
| 15871FREC | RN FR BIBO |
| Masks | |
| 11230FR00 | TR 82 A CL3+ |
| 112110000 | TR 82 A E CL3+ |
| 11231FR00 | TR 82 B CL3+ |
| 112120000 | TR 82 B E CL3+ |
| 11300FR00 | TR 2002 A CL3+ |
| 11301FR00 | TR 2002 BN CL3+ |
| Demand valves | |
| 1588500CJ | A |
| 1579100CJ | BN |
| Cylinders | |
| 923030000 | Cylinder 3 L 300 Bar |
| 92303000C | Cylinder 3 L 300 Bar - Composito |
| 924630000 | Cylinder 6 L 300 Bar |
| 92446000C | Cylinder 6,8 L 300 Bar - Composito |
| 92449000C | Cylinder 9 L 300 Bar - Composito |
| 92426000C | Cylinder 6,8 L 300 Bar - Composito PTFE unlimited life |
| 92427000C | Cylinder 7,2 L 300 Bar - Composito PTFE unlimited life |
| 92428000C | Cylinder 8,4 L 300 Bar - Composito PTFE unlimited life |
| Accessories | |
| 926900000 | Flame resistant sleeve for cylinder (6 L/6,8 L) |
| 926910000 | Flameproof sleeve for cylinder made of Nomex® |
| 9324400CJ | 4Way valve |
| 151530000 | Supplementary warning device |
| 936010000 | Excess flow valve |
| 7799500CJ | Rescue hood |
| EATEX0000 | ATEX certification |



Fire, flames, toxic gases: these and many other risks have to be faced by firefighters and rescue teams. SPASCIANI offers with the RN FR a tool that allow to safely meet any situation.

Panoramic mask in overpressure with broad field of vision

Demand valve with integrated acoustic patented warning device

Adjustable and padded harness which improves comfort and allows prolonged use of the set

Cylinder anchorage with new locking device and retro-reflecting strap

Ergonomic back-plate comfortably distributing the weight and keeping the SCBA stable on the operator's back

The kidney belt makes the wearing of the set more comfortable by reducing the effect of weight on the operator's back during long lasting interventions

Photoluminescent gauge with scale also in PSI, up to 360 bar and with colored exhaustion area between 50 and 0 bar

Piston pressure reducer whose outlet pressure stays constant while the cylinder pressure decreases

Optional connection for 2nd operator

Valve grip preventing accidental opening or closing of the cylinder



SYSTEM MODULES



TR 82 A / TR 82 E A TR 82 B / TR 82 E B TR 82 N

These full face masks can be used with RN FR SCBA. They are made of a EPDM face blank and a panoramic visor offering wide visibility. In the E version they are equipped with a special system of metal brackets to fit to the slots of Fire Brigades and Police helmets. The system assures a great stability and tightness of the mask on the face. TR 82 A models are positive pressure full face masks with threaded connector to EN 148-3 (M45x3) while the TR 82 B are positive pressure full face masks with bayonet fitting connector. The full face mask TR 82 N models grant a high comfort and a great wearability under the firefighters helmet. All of them can be used with positive pressure SBCA and meet the requirements EN 136:1998 Class 3+ / EN 137.



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.



Supplementary warning device

The accessory "supplementary warning device" can be mounted, on request, onto the reducer. This alarm gives the possibility to add a continuous whistle to the intermittent alarm signal built into the demand valve.



Second man air outlet

This medium pressure hose ending with a female quick connector allows the connection of a second man to the special outlet provided by the reducer RN FR. This connection can be used either by a full face mask with demand valve or a rescue hood, easier to fit to the casualty being rescued.



TR 2002

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 according to EN 136:1998 / EN 137.



Twin cylinders

The system RN FR 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 FR can be outfitted with composite cylinders which lighten the set and grant more agility to the operator. The capacity of these cylinders can be 6,8 l 300 bar or 9 l 300 bar.



Steel cylinders

RN FR series can be equipped with steel cylinders of different volume and pressure capacity. SPASCIANI can offer 3 l 300 bar, 7 l 200 bar, 6 l 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.

ACCESSORIES FOR SCBA SERIES



SCBA carrying case

Light ABS carrying case, is useful for the transport and protection of the breathing apparatus; it is available for one or two cylinders (for the twin-cylinder SCBA or spare cylinder). Its high visibility orange color is ideal for emergency situations.



Prescription lenses frame

Easy to use and extremely stable thanks to the strong sucker to be applied to the visor. This frame allows those that normally wear glasses to use a full face mask in total safety.



Wall mounted container in ABS

Wall installation with metal holder for the cylinder; it grants extremely quick donning time. The transparent cover makes the breathing apparatus always visible whilst protecting it from UV rays.



Cylinder sleeve

In flameproof material protects cylinders of different dimension, this protection helps maintaining in optimal conditions cylinders also when used in extreme conditions.



Metal cabinet

Wall container with metal holder, ideal for fixed and outdoor installations. Protects the breathing apparatus from the environment and grants an easy donning.



High pressure test group

The tester is used to check the pressure in the cylinders. With a connection EN 144 both male and female this item can be used also as double checking for the breathing apparatus gauge accuracy.

4 way valve

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 with male quick connectors and two medium pressure outlet provided with female quick 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 BVE.

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).



Rescue hood

The Rescue hood is a constant flow hood, used in case of emergency to help people in need.

It is extremely easy to use and can be worn by anybody regardless their face shape and size. The Rescue hood can be used with every SPASCIANI respirator connected to the second air outlet. The hood is **rapidly and easily** activated by connecting it to the second man air outlet, placing it on the casualty's head, tightening the hood's string.

The kit is held in a fire-resistant bag that can be hung to the waist belt, owing to velcro loops. It includes Rescue hood and 1200 mm breathing hose.

The Rescue hood has been tested and approved according to EN 137:2006.



Maschera BN

The mask TR 2002 BN "Multi-Purpose" can be used either with a breathing apparatus or with a filter, as it automatically switches from negative to positive pressure settings.

The full face mask is able to work both in **negative** and in **positive pressure** thanks to its special device, unique and patented, that recognizes automatically the system connected and pre-charges the mask valve when it is used with a positive pressure apparatus.

The mask is composed by a panoramic visor with wide visibility and face blank with double revert seal.

The TR 2002 BN can be used with breathing apparatus SPASCIANI with demand valve BN with bayonet quick connector according to DIN 58600. The mask can also be used with filters, e.g. like the SPASCIANI series 200, or negative pressure respiratory devices with standard screw connector (EN 148-1).

The full mask TR82 H guarantees a high comfort and a great wearability under the firefighters helmet

