![Spasciani logo]
YOUR SAFETY MAKER

RN T1
Self Contained Breathing Apparatus

RN T1 is a type 1 Self Contained Breathing Apparatus designed for maintenance interventions in chemical plants and industrial areas, for use in contaminated surrounding, for rescue intervention and, generally, in all cases where there is, or may be, oxygen deficiency.

RN T1 adds the highest degree of safety and comfort to the efficiency, versatility and simple use of the **MK2 System**, as well as the astonishing field of vision of the SPASCIANI **TR 82 A** mask.

RN T1 is fitted with an automatic demand valve which keeps a positive pressure in the mask thus avoiding any possible inward leakage of contaminated air from the outside. Should it become necessary, the positive pressure mode can be activated by acting on the special button that acts as a supplementary air command, too. The demand valve is connected to the reducer by means of a 120 cm long medium pressure hose.

RN T1 takes advantage from the unique **MK2 System** warning built into the demand valve. This is activated when the pressure left in the cylinder drops below 55 bar. The signal originates from a sounding vibration caused by every inhalation. In this way the full capacity of cylinder is made available to the user for breathing. The acoustic warning is related to the respiratory frequency of the user and allows the user to distinguish his own signal from that emitted by nearby fellows or noise (**Self Test** Function). The location of the warning device protects it from frost or dirt.

The back plate is made of blow moulded polypropylene, it is extremely robust and anatomically shaped to allow a comfortable distribution of weight and remains steady on the wearer's back even when crouching or crawling. The supporting harness of the back plate are ergonomic and made of self extinguishing materials. Special handles integral with the backplate are provided for carrying the set along. The pressure reducer keeps the outlet pressure constant throughout the emptying of the cylinder and is connected to an easy to read phosphorescent gauge. The steel cylinder has a capacity of 6 litres with a pressure of 300 bar and is fitted with a valve according to EN 144.

FULLFACE MASK
RN T1 can be equipped with two different type of masks:
TR2002, modern design (in TPE)
TR82, classic design (in EPDM).
Both masks are available with threaded or bayonet connector.

DEMAND VALVE
RN T1 can be supplied with demand valve type A or BN.
Both activate automatically with a button to stop airflow.

Reducer	Characteristic	P/N
DV RN A T1	M45x3 threaded connector	158800000
DV RN BN T1	DIN 58600 bayonet connector	158810000

RN T1

CYLINDERS

RN T1 can be equipped with steel or composite cylinders:

Volume (l)	Capacity (bar)	Materials	P/N
6	300	Steel	924630000

TECHNICAL DATA

Pressure Reducer: piston with compensator
Automatic Demand Valve: with integral alarm device and supplementary supply button
Setting of the Alarm: 55 ± 5 bar

CLASSIFICATION

Certified **Type 1** to **EN 137:2006** and meeting with the provisions of Regulation (EU) **2016/425, 2014/68/UE (PED), ATEX***.
*on request

MARKING

CE $\langle Ex \rangle$

MATERIALS

Backplate:	Thermoplastic polypropylene
Harness with padding:	Self-extinguishing webbing
Pressure reducer:	Brass alloy chrome plated

STORAGE

Store at temperatures between -20 and +50 °C and with RH <80%

WEIGHT

15 Kg approx., set complete with mask and fully charged cylinder

DIMENSIONS/PACKING

310x660x220 mm, measured with set laying down on a flat surface.
The set is packed w/o cylinder in a carton box dimensions 710x210x460 mm
Cylinder is packed into a carton box dimensions 710x150x160 mm

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For more information please check the notes along with the products or the ones published on the website: www.spasciani.com

NOTE: SPASCIANI SpA does not take any responsibility for any possible and unintentional mistake and reserve the faculty of modify materials and technical characteristics of its products at any time and without any notice. The pictures are purely indicative and may not represent the actual product described in the text.