

SET AC 190

Air line respirator with TR 82
Mod. P/N 130000000

AC 190 is an isolating, continuous flow air line respirator provided with full face mask.

AC 190 is an efficient device to protect respiratory organs from the dangerous effects of chemical products handled in industrial environments. The light weight, considering the protection and durability required, and the ergonomic design make this apparatus easy to operate and very efficient. The respirator is provided with a filter silencer **EOD 55** that reduces the noise to a minimum. The noise reduction, the possibility of regulating the flow and the overflow valve make this apparatus very comfortable to wear and use.

AC 190 is made of **TR 82** mask according to EN 136:98 CL3, corrugated hose type **TUR 60**, filter silencer **EOD 55**, flow regulator **AC 95** and overflow valve.



The **TR 82** full face mask with panoramic visor is connected to the overflow valve that releases the excess air to the external environment. The mask is fed by the **TUR 60** corrugated hose which drives breathable air in the respiration zone and which is positioned between the overflow valve and the filter silencer connected to the flow regulator.

The flow regulator **AC 95** is provided with a male quick coupling for the connection to the feeding hose and it delivers to the operator a continuous flow of air that can be regulated by the user acting on the dedicated handle. The flow regulator is equipped with a low flow alarm which activates when the flow falls below the minimum set and it is mounted on a support belt to enable an easy and comfortable wearing. **AC 95** is also provided with a male EN 148/1 screw for the connection of the filter silencer **EOD 55**.

AC 190 respirator shall be fed by a compressed air line source delivering air of breathable quality (according to EN 12021) with a pressure between 5 and 6 bar and with a minimum flow for each operator of 500 l/min. The flow regulator is connected to the air line by a compressed air feeding hose (8x17) available in different lengths and provided with quick couplings for the connection to the air line outlet and to the flow regulator inlet.

Quick couplings are available in two versions: Spasciani (standard) and Eurocoupling (on demand), this last is compatible with the most widely used coupling for air line.

Hoses shall be chosen and ordered separately making sure to have ordered the same coupling on the **AC 95** and on the hoses



SET AC 190

Air line respirator with TR 82

Mod. P/N 130000000

TECHNICAL DATA:

Mask: see specific data sheet

Flow regulator AC 95: flow can be set between 165 and 230 l/min, alarm for flow below 120 l/min. Available equipped with the standard Spasciani male quick coupling (P/N 932100000) or with Eurocoupling quick coupling (P/N 9321000CJ)

Corrugated hose TUR 60: length 60 cm.

Compressed air feeding hose 8x17: available in different lengths (max 50 m) and with standard Spasciani or Eurocoupling quick couplings.

Models and order P/Ns:

Length (m)	Hose provided with Spasciani quick couplings	Hose provided with Eurocoupling quick couplings
5	139290000	1392900CJ
10	139300000	1393000CJ
15	139340000	1393400CJ
20	139310000	1393100CJ
30	139330000	1393300CJ
50	139320000	1393200CJ

CLASSIFICATION

Certified as **Class 4B** device to **EN 14594:2005**, it complies with directive **89/686/EEC (PPE)**

MARKING



MATERIALS

TR 82 Mask

Outer face blank:

EPDM

Panoramic Visor:

Scratch and solvent resistant polycarbonate

Inner Nose Cup:

TPE

Five arm head harness:

EPDM

Carrying strap:

PVC

AC 95 flow regulator:

Aluminium alloy nickel plated

EOD 55 filter silencer:

Made of shockproof polypropylene and filtering material (filtering paper and carbon)

Corrugated hose:

Moulded in polyurethane with screwed plastic connections

Overflow valve:

Made of moulded rubber with positive pressure valve

Compressed air feeding hoses:

Rubber hose 8 x 17, non toxic, fitted with safety quick connectors.



SET AC 190

Air line respirator with TR 82
Mod. P/N 130000000

STORAGE

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

WEIGHT

1,4 Kg approximately.

DIMENSIONS/PACKING

The set is packed in a carton box dimensions 470 x 260 x 165 mm.

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.