

Matissec, leading manufacturer of ventilated suits and hoods, now provides a complete line of 100% reliable PPE, tubes and secure filtration posts in conformity with EN 14593/EN14594.



► **UFS**

Unit designed to provide breathing air for 3 users of protective equipment operating on inducted air, under secure conditions (2 cylinder HP emergency back-up cylinders and alert mechanisms that can be seen and heard clearly should the pressure of the main air supply network drop unexpectedly).



► **BFS**

Unit designed to provide breathing air for 2 users of protective equipment operating on inducted air, under secure conditions (one cylinder HP emergency back-up cylinders and alert mechanisms that can be seen and heard clearly should the pressure of the main air supply network drop unexpectedly).



► **AIRBOX**

The AIRBOX is a robust, high-visibility portable terminal with a wide base for stability, a transparent polycarbonate front panel and a three-stage filtration system with four air outlets.



► **UQUAR**

The UQUAR (Respirable air quality unit) is located upstream of the UFS and allows continuous measurement and monitoring of the breathable air quality of the network in accordance with the requirements of EN 12021.



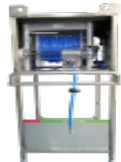
▶ AIR HEATER

Recently designed by our research and design department the air heater insure a comfortable breathing air temperature to the PPE wearer (supplied air masques, ventilated hood and suit) during use in very cold conditions. (for example during nuclear plant outbuilding phase).



▶ HOSES

The air hoses MATISEC are designed both regarding raw material of the hose, nipple diameter and length in order to offer the minimum pressure drop. Each hose are controlled unitarily according connection and crimping.



▶ CASE WITH MOTORISED REEL

It is intended to facilitate the work when decontaminating the bottom of a nuclear power plant pool. This equipment is designed to work with UFS and SPMB.



▶ SPMB

The SPMB (Source Portable Multi-Bottles) is placed in substitution of the spare bottles of the UFS or the BFS. It increases the respirable air backup capacity of the latter.

Source URL: <http://www.matisec.com/products-services/nuclear-protection/breathing-air-treatment>