


DECON MADE SAFE & EASY


Everything you need to clean your SCBAs,
face masks, boots, gloves, helmets, and tools.




Solo Rescue[®]

The world's first SCBA decon washer – developed to help firefighters fight cancer.


 **14** SCBAs
per hour

 **21** Helmets
per hour

 **42** Air cylinders
per hour

 **56** Face masks
per hour

 **60** Pairs of boots
per hour

 **120** Pairs of gloves
per hour



Technical specification	
Power supply	400 V / 415 V 3-phase, 50 Hz, 32 A
Water supply	Hot or cold, 5–40°C, 3–10°dH
External Dimension (W x D x H)	Closed: 1025 x 887 x 1744 mm Open: 1025 x 1316 x 2084 mm

Everything you need to clean your SCBAs, facepieces, boots, gloves, helmets, and tools – all in one machine



The spacious design of the Solo Rescue allows you to wash either 2 complete SCBAs, 6 stand-alone air bottles, 8 face masks, 3 helmets, 3 pairs of boots, or 8 pairs of gloves per wash cycle. On top of that, you can wash small parts, such as regulators and pressure connectors. All of this is possible thanks to the clever design of the Solo Rescue basket system.

The backbone of the system is the heavy-duty basket, which is used at all times. This basket can then be paired with several different accessories, making the Solo Rescue the most versatile decon washer on the market. Accessories include holders for SCBAs, face masks, boots, gloves, helmets, and small parts (e.g., regulators, pressure connectors, etc.).



Optimized cleaning with a unique rotating basket

The generously-sized wash tank of the Solo Rescue is a vital part of its strength. Together with a unique rotating basket system, this provides a design that optimizes the water flow to reach even the most inaccessible parts of your equipment without compromising its function and quality. So whether you are washing SCBAs, face masks, boots, gloves, helmets, or tools, the Solo Rescue will do an excellent job reducing and extracting dangerous soot particles, chemicals, and detergent residue from your equipment.

Clean gear in less than 10 minutes

The Solo Rescue offers the easiest, quickest, and safest way to clean your contaminated PPE. The easy-to-use control panel lets you choose between a 3-minute cycle for gloves and boots or an 8-minute cycle for SCBAs, face masks, and helmets. It can clean up to 14 SCBAs (including face masks), 42 stand-alone air cylinders, 56 face masks, 21 helmets, 60 pairs of boots, and 120 pairs of gloves per hour.

DeconWasher™ Pro S

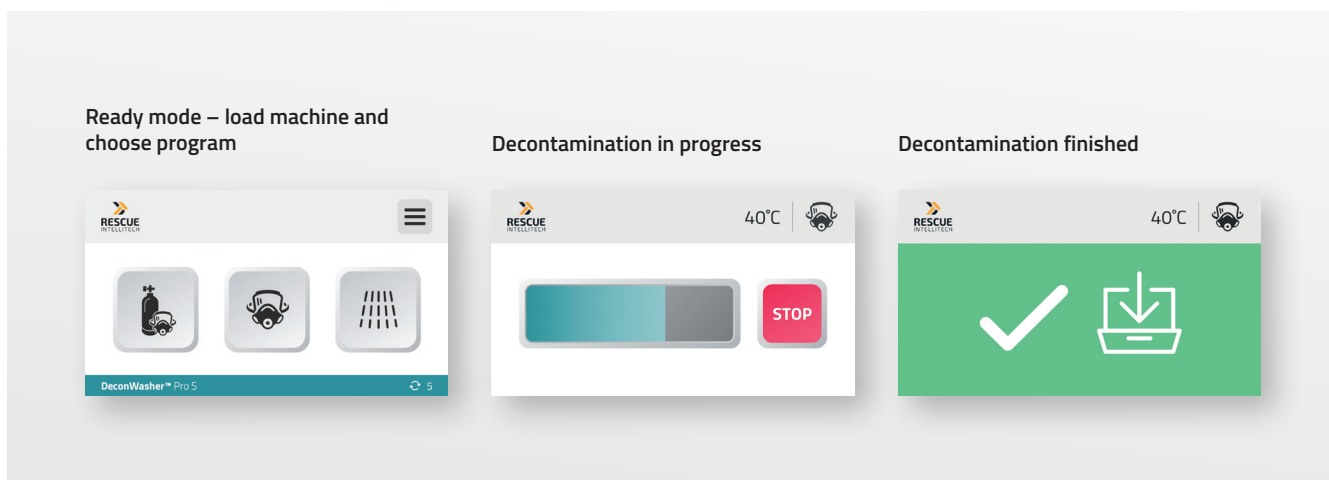
Efficient cleaning solution in a compact size.

-  **6** SCBAs per hour
-  **24** Helmets per hour
-  **12** Air cylinders per hour
-  **24** Face masks per hour
-  **12** Pairs of boots per hour
-  **24** Pairs of gloves per hour



Technical specification	
Power supply	200–240 V single-phase, 50/60 Hz, 16–20 A
Water supply	Cold & hot water, 0.5–10°dH
External Dimension (W x D x H)	Closed 680 x 790 x 1732 mm Open 680 x 1080 x 1900 mm

Easy to operate with an intuitive user interface



To make the machine as user-friendly as possible, we decided to use a single resistive touch screen display, so you have complete control of your DeconWasher Pro S. With a modern user interface, inspired by the easy-to-use analog control panel of the Solo Rescue, you can run a wash program with a single tap on the screen.

Apart from starting your wash programs, you will be able to follow its progress via a progress bar, change the wash and rinse temperatures, adjust the detergent concentration, alter the rinse volume, see the current number of completed programs since the last water change, get water change and service notifications, and more.



Efficient cleaning process in a compact size

The DeconWasher Pro S ensures excellent results without compromising function or quality despite its compact size. The smart design enables a high water flow through rotating wash arms, with nozzles designed to decontaminate and clean the gear with plenty of power. In addition, the generously-sized rinse system ensures efficient deduction of dangerous soot particles and residue.



Energy-saving ECO-mode & up to 30% less detergent consumption

An optimized decontamination process often means having your decon washer turned on and ready 24/7. While in Ready mode, the ECO-mode of the DeconWasher Pro S will consume up to 55% less energy and still be ready for use within seconds. And depending on what your washing capacity needs are, you will be able to save up to 30% or more on detergent due to the smaller wash tank.

DeconFilter™ Pro S

The perfect complement to your Solo Rescue and DeconWasher Pro S.
An easy and safe way of reducing carcinogens from your wastewater.



Technical specification

Power supply	220–240 V single-phase, 50 Hz, 10 A
Dimensions (W x D x H)	Extend the width of the machine by approximately 300 mm

Optimized filtration technology



The DeconFilter Pro S focuses on extracting and reducing the amount of carcinogenic PAH compounds in the Solo Rescue and DeconWasher Pro S wastewater. During tests at a fire department and firefighter training facility in southern Sweden, wastewater samples were taken from the Solo Rescue decon washer after several training exercises and rescue operations. They were then sent to an external third-party laboratory for testing.

The tests were conducted to look specifically at the reduction of a group of 16 PAHs that has been considered to be high

priority pollutants. These 16 PAHs are of environmental concern because of their potential toxicity in humans and other organisms and their prevalence and persistence in the environment. Several PAHs are probable or known carcinogens. The result showed that the amount of these 16 PAHs had been reduced by up to 98%.

To achieve these results, we use a multi-stage custom filtration, including a lint filter, particle filters, and an active carbon filter. This allows us to catch particles of various types and sizes and prevents them from being flushed down the drain.



The perfect complement to the Solo Rescue and DeconWasher Pro S

The DeconFilter Pro S was developed to work seamlessly with the Solo Rescue and DeconWasher Pro S and fits perfectly on the right side of the machines using a special filter rack. It is also possible to mount the filter system on the wall for convenience if needed. The Solo Rescue filter system comes with an external water tank, including a lint filter and drain pump. This is not required for the DeconWasher Pro S since this is already built into the machine.

Safe and easy filter maintenance

To ensure the efficiency of the filter system, we recommend using a filter kit replacement four times per year. However, depending on the type of fire and how often the water in the machine is changed, the filter lifetime may vary.

To make the filter exchange as easy and safe as possible, it has an open design that allows you to reach the filter cartridges on the side of the machine effortlessly.



RESCUE
INTELLITECH

Helping Firefighters Fight Cancer

rescueintellitech.com

RESCUE Intellitech disclaims any and all liability for any injury to persons, property, or other damages of any nature whatsoever resulting from the misuse of the DeconFilter Pro S or any use of the Solo Rescue and DeconWasher Pro S that does not correspond with the washing instructions of each individual PPE manufacturer.

Rev. 3.2023 | RESCUE Intellitech reserves the right to make technical changes to the product. | No responsibility will be accepted for any printing errors.