

SCBA washing machine for cleaning up to 3 SCBAs or 8 helmets

The SCBAs can be put into the machine complete with a 6-litre or a 6.8-litre cylinder or two 4-litre cylinders attached to them.

If the SCBAs are equipped with two 6.8-litre composite cylinders, only two units can simultaneously be processed.

(Disinfecting and drying require optional modules.)



Modular design

Thanks to its modular design, RDT PA-03 can easily be configured to meet your specific needs and requirements.

RDT PA-03 main unit

Art. number: 330-891

The RDT PA-03 main unit features a **fully automated system** for water supply, cleaning (including the addition of the detergent), rinsing and wastewater discharge.



Liquid-saving closed-loop system

The liquid required for spraying is drawn from the sump, which is located in the base of the machine, by means of a pressure pump and fed into the stainless-steel nozzles at a pressure of approximately 3 bar. The nozzles spray the SCBAs or helmets with the pressurized liquid in a targeted manner. The liquid draining from the equipment is collected in the sump. From there, it is fed back to the nozzles via the pump.

Wastewater

After each cycle, the wastewater is pumped off fully automatically and discharged into the sewage system via the wastewater hose.

Specifications of the RDT PA-03 main unit

water section	stainless steel
base and lid.....	texture-painted aluminium
dimensions (w x d x h)	800 x 800 x 1100 mm (excl. control panel)
weight	approx. 135 kg
water connection.....	ball valve, $\geq \frac{3}{4}$ "
water supply pressure (min. – max.)	2.5 – 6 bar
water-heating unit.....	approx. 35 °C
power supply	230 V, 50 Hz
power consumption	2.9 kW (drum drive, pump and water-heating unit)

SCBA pressurization

When cleaning SCBAs without cylinders in the machine, **miniature compressed-air cylinders can be used for pressurization.**



Miniature compressed-air cylinder

(0.33 l/200 bar, incl. valve)

Art. number: 160-007

Spraying nozzles and rotating drum for perfect cleaning

RDT PA-03 is a top-loading washing machine. The SCBAs or helmets to be cleaned are fastened to the machine's drum, which rotates throughout the operation of RDT PA-03.

In three corners of the housing, there are pipes with stainless-steel nozzles (21 in total). In combination with the rotating drum, these nozzles guarantee that the equipment in the machine gets sprayed on all sides for perfect cleaning.

Errors and omissions excepted! Technical specifications subject to change without notice!



Module 1 – Fully automatic disinfectant supply unit

Art. number: 330-442

This module allows you to disinfect the equipment in the machine fully automatically once cleaning is complete.

Disinfecting SCBAs is not a must, but it can help to largely rid them of unpleasant odours that remain after cleaning, such as burnt smell. The lung-governed demand valves of SCBAs can also be disinfected, as can the insides of helmets (unless otherwise stated in the applicable care instructions).

Module 2 – Warm-air blower

for RDT PA-03

Art. number: 330-892

RDT PA-03 can (at any time) be upgraded with a purpose-built warm-air blower featuring a thermostat-controlled heating unit.

Located externally, the blower connects to the RDT PA-03 main unit via a hose. It blows the warm air required for drying into the machine at a temperature of approximately 50 °C. The actual temperature can be checked via an easy-to-read display on the blower housing. The main unit supplies the blower with power and controls its operation fully automatically, with the controller and the power port being included in the main unit.



Specifications of the warm-air blower

dimensions (w x d x h).....	210 x 190 x 450 mm
flexible connecting hose	ø 63 mm
length (shortenable)	1.5 m
power consumption (RDT PA-03 main unit and warm-air blower used together).....	1.2 kW

Module 3 – Helmet cleaning kit

Art. number: 330-366

The helmet cleaning kit allows you to quickly and easily install up to 8 helmets in the machine for processing.



Air dehumidification

During equipment drying with the warm-air blower for RDT PA-03 (see module 2), moist air is released from the machine into the ambient environment. This results not only in a significant increase in air humidity, especially in settings with insufficient ventilation, but, among other things, also in considerably longer drying times.

Hence, it is recommended that you use a dehumidifier to prevent an excessive increase in air humidity.

Dehumidifier WDH 1200 HT

Art. number: 330-359

dehumidification capacity:
up to 120 litres in 24 hours

Dehumidifier WDH 500 AH

Art. number: 120-536

dehumidification capacity:
up to 50 litres in 24 hours

Adjustable detergent/disinfectant supply parameters

Via the control panel, the amounts of detergent (and disinfectant) added as well as the timings for the individual functions can easily be adjusted to meet your specific needs and requirements.

Detergents and disinfectants that produce a lot of foam are not suitable for use with RDT PA-03.

Manual dirty/clean indicator



The indicator, which comes with the machine, makes it easy to quickly indicate if the equipment in the machine is dirty or clean. It is magnetic but can also effortlessly be installed on non-magnetic surfaces by means of the included double-sided adhesive pads.

machine is dirty or clean. It is magnetic but can also effortlessly be installed on non-magnetic surfaces by means of the included double-sided adhesive pads.

Detergents and disinfectants suitable for use with RDT PA-03

Detergents: EW80 clean

Disinfectants: EW80 des

SCBAs and helmets can also be cleaned with special soap solutions. **When cleaning a helmet, always follow the instructions provided by its manufacturer!**