



**Mask washing machine for the
fully automatic cleaning,
disinfecting and drying of up to
16 respiratory protective masks**

*(in combination with accessories also
suitable for lung-governed demand
valves and SCBAs)*

How RDT 12/15 works

Respiratory protective masks get exposed to a wide range of contaminants, such as dust, perspiration, bacteria and viruses, as well as dirt of all kinds. Hence, they need to be thoroughly cleaned and disinfected.

Cleaning and disinfecting respiratory protective masks manually is a time-consuming, and not entirely hygienic, process.

The fully automatic RDT 12/15 mask washing machine allows for the gentle, hygienic and efficient back-to-back cleaning, disinfecting and drying of up to 16 respiratory protective masks in approximately 3.5 hours. In combination with accessories, it is also possible to load the machine with up to 16 lung-governed demand valves (LGDV) or up to 3 SCBAs.

Its small footprint and silent operation make RDT 12/15 the ideal choice for respiratory equipment workshops with no dedicated wet area.

RDT 12/15's drum is equipped with elastic fastening straps. Hence, virtually all makes and models of full-face masks can be put in without using any additional adapter.

During the cleaning cycle, the equipment is repeatedly pulled through the water and detergent in the machine. When the cycle is complete, the wastewater is removed via RDT 12/15's built-in pump.

Subsequently, the equipment gets disinfected in the same manner with the disinfectant provided.

The required amount of detergent/disinfectant can be added to the water manually using a measuring jug or by means of a fully automatic supply unit (see accessories).

During the drying cycle, heated air (max. 50 °C) flows through the rotating masks, lung-governed demand valves or SCBAs before escaping into the ambient environment via an opening in the top of RDT 12/15's housing.

Scope of deliver

- ❖ RDT 12/15 (incl. power cord)
- ❖ water-supply and wastewater hoses
- ❖ manual dirty/clean indicator (incl. adhesive pads)
- ❖ operator's manual



RDT 12/15 complete with an LGDV cleaning adapter and SCBA cleaning accessories

Specifications

- ❖ dimensions (w x d x h).....900 x 650 x 1090 mm
- ❖ water sectionstainless steel
- ❖ basetexture-painted aluminium
- ❖ front-door paneacrylic glass
- ❖ weightapprox. 100 kg
- ❖ power supply230 V, 50 Hz
- ❖ power consumptionmax. 1.55 kW
- ❖ disinfectant consumptionabout 250 ml (at a concentration level of 1%)
- ❖ detergent consumptionabout 250 ml (at a concentration level of 1%)
- ❖ water supply pressuremax. 6 bar
- ❖ water connection¾" cold water
- ❖ wastewater connection.....Ø 25 mm



Drum loaded with a
mask, an SCBA and the
LGDV cleaning adapter

Manual dirty/clean indicator

The indicator makes it easy to quickly indicate whether 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.



Accessories

LGDV cleaning adapter



For cleaning, disinfecting and drying up to 16 lung-governed demand valves (LGDV) with RDT 12/15.

330-910

SCBA cleaning kit

For cleaning, disinfecting and drying up to 3 SCBAs with RDT 12/15.

330-736

Disinfectant and detergent tray



For the convenient storage of disinfectant and detergent containers. The tray can be installed on the right or the left side of the machine.

330-468

Fully automatic disinfectant supply unit Fully automatic detergent supply unit



After starting the mask washing machine, the required amount of disinfectant/detergent is automatically added via a suction lance and metering pump. As the suction lance has a float switch, the cycle will not start unless there is sufficient disinfectant/detergent available in the disinfectant/detergent container.

Disinfectant supply unit
330-442

Detergent supply unit
330-551

Under-unit cabinet for RDT 12/15



Provides ample storage space for e.g. disinfectant and detergent containers, and allows you to place RDT 12/15 at a height that makes loading and unloading the washing machine particularly convenient.

330-857

Height: approx. 730 mm

Comes with height-adjustable feet.

Disinfectant EW80 des



For disinfecting respiratory protective masks, chemical protective suits and gloves. Tested and approved by Deutsche Gesellschaft für Hygiene und Mikrobiologie (German Society for Hygiene and Microbiology), testing authority of DMT - Gesellschaft für Forschung und Prüfung.

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330-418

Detergent EW80 clean



For cleaning respiratory protective masks, chemical protective suits and gloves. Tested and approved by Deutsche Gesellschaft für Hygiene und Mikrobiologie (German Society for Hygiene and Microbiology), testing authority of DMT - Gesellschaft für Forschung und Prüfung.

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330-450

Sealer



For sealing tested full-face masks and lung-governed demand valves. Tested equipment can be stored hygienically and is immediately recognizable as being ready for use.

see flyer

For further information, please consult our flyer on sealers.

Dehumidifier



For keeping humidity down, which prevents the air taken in during drying from being saturated with moisture.

on request

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