

## **Mask washing machine for the fully automated cleaning, disinfecting and drying of 9 respiratory protective masks**

*Accessories for processing LGDVs sold separately*



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 09 mask washing machine is designed for the gentle, hygienic and efficient back-to-back cleaning, disinfecting and drying of respiratory protective masks.

After fastening the contaminated masks to the rotating mask holder by means of elastic straps, RDT 09 is started, and approximately 3.5 hours later the perfectly cleaned, disinfected, rinsed and dried masks can be taken out of the machine.

RDT 09 does not have a water heater. Hence, it is suitable primarily for use with disinfectants for cold disinfection. However, it is also possible to use disinfectants for hot disinfection

and feed the machine with hot water according to the disinfectant manufacturer's instructions. In either case, it is important to use a disinfectant with cleaning properties (e.g. EW80 des) as the disinfectant doubles as a detergent.

### *How RDT 09 works*

RDT 09 features a system of nozzles through which the disinfectant and clean water get sprayed onto the masks at regular intervals.

The water is drawn directly from the water mains.

RDT 09 adds the preset/required amount of disinfectant fully automatically.

The air used for drying is heated to approximately 40 °C and blown into the mask chamber by means of a blower.

The permanent rotation of the masks in the machine not only ensures that they get sprayed on all sides for perfect cleaning and disinfecting but also guarantees optimal drying.

### *Scope of delivery*

- ❖ RDT 09 mask washing machine
- ❖ power cord
- ❖ water supply hose (2 m)
- ❖ wastewater hose (2 m)
- ❖ accessories (vary depending on your order)
- ❖ manual dirty/clean indicator (incl. adhesive pads)
- ❖ operator's manual

### *Specifications*

- ❖ housing.....stainless steel/texture-painted aluminium
- ❖ w × d × h  
without LGDV adapter ...approx. 875 × 615 × 990 mm  
with LGDV adapter .....approx. 915 × 615 × 990 mm
- ❖ capacity ..... up to 9 full-face masks
- ❖ weight.....approx. 65 kg
- ❖ power supply .....230 V, 50 Hz
- ❖ power consumption ..... 1.3 kW
- ❖ controller.....PLC (Siemens LOGO!)
- ❖ water supply .....cold water<sup>[1]</sup>
- ❖ wastewater hose .....∅ 40 mm
- ❖ disinfectant consumption..... approx. 250 ml<sup>[2]</sup>
- ❖ disinfectant concentration.....0.2% – 2%<sup>[3]</sup>



Masks fastened to the rotating mask holder by means of elastic straps



Close-up of a spraying nozzle

### *Manual dirty/clean indicator*

The indicator 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.



[1] max. 30 °C and max. 5 bar

[2] Average consumption per load at a concentration of 1%. The actual consumption varies depending on the water pressure.

[3] The disinfectant concentration is freely adjustable.

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



## Accessories and other products

### LGDV cleaning adapter for up to 9 LGDVs



The LGDV cleaning adapter, which can be retrofitted at our factory, comes with Euro couplings and is designed for the gentle, hygienic and efficient back-to-back cleaning, disinfecting and drying of up to 9 lung-governed demand valves in approximately 3.5 hours. To learn more, please consult our flyer on cleaning LGDVs with RDT 09.

**330-649**

### Pressure reducer



For regulating the water supply pressure. Helps prevent RDT 09 from being damaged.

**250-085**

### Kit for drawing disinfectant solution from RDT 09



For drawing disinfectant solution from RDT 09 via its built-in metering unit. The disinfectant solution can subsequently be used, e.g., for cleaning and disinfecting lung governed demand valves in a cleaning basin.

**330-516**

### External wastewater pump



A wastewater pump is needed when the wastewater cannot drain away through gravity. The external pump is a submersible pump that comes complete with a pump sump and a wastewater hose. Once the water in the sump reaches a certain level, the automatically controlled pump starts pumping off wastewater.

**330-499**

### Protective cover



For keeping RDT 09 protected when it is not in use.

**330-831**

### Disinfectant EW80 des



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

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330-418**

### Computer-assisted mask tester



The Multitest 720M tester is designed for carrying out tests on normal-pressure masks and normal-pressure lung-governed demand valves in a fully automated, computer-assisted manner, with data being recorded by means of the MENZL Equipment Management and Testing program. Positive-pressure masks, positive-pressure lung-governed demand valves and chemical protective suits can be tested in conjunction with accessories (sold separately). Multitest 720M is very easy to use, making it virtually impossible to make errors during equipment testing.

**330-080**

### Sealer



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

**see flyer**

To learn more, please consult our flyer on sealers.

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