

KR 1000 (KEREDUSY) disinfection system



Respirators, machines for breathing support and comparable machines are subjects to legal regulations of disinfection. Until now it was only possible to realize them optimal by disposal.

With **KR1000** these machines can be disinfected according to instructions:

- > **longer useful life**
- > **less procurement costs**
- > **satisfied patients**

simple

economical

save

Function

- ozone as disinfecting agent
- connection between respirator and KR1000 by special developed adapter
- because of the respirator flow the disinfection gas is pumped into a circle through the device
- no escape of germs or ozone which are dangerous to health
- preparation within operating status
- recording of the disinfection

Validation

Analysis of the disinfection result of typical pathogen germs of pneumonia:

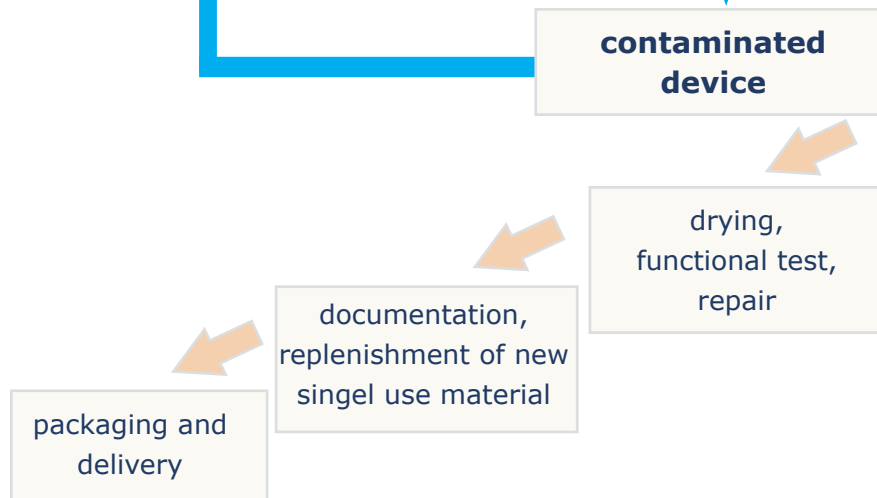
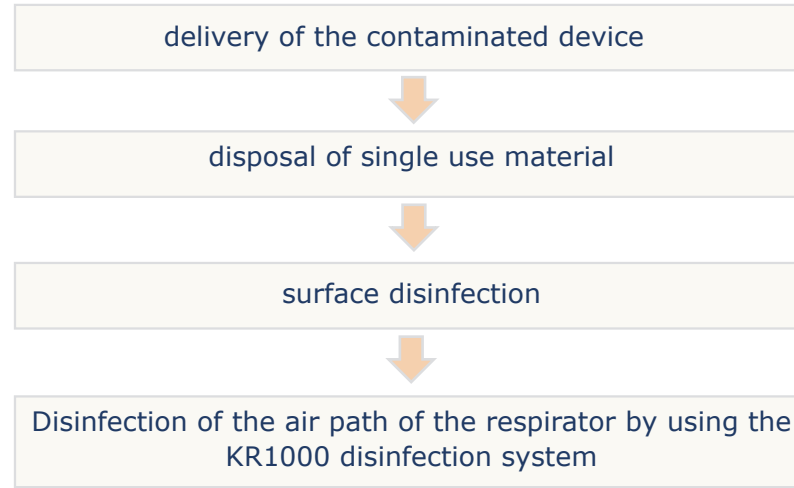
- aerobic gram-positive coccus
Staphylococcus aureus ATCC 6538
MRSA ATCC 43300
- aerobe gram-negative rods
Escherichia coli ATCC 8739
• yeast Candida albicans ATCC 10231

Because of the resistance against disinfection caused of the sporicidal living a proof was made of:

- Aspergillus niger ATCC 16404

- New and unique at the market:**
Disinfection of the air path and airflow producing components of:
- respirators
 - devices for breathing support
 - and comparable devices on request!

Disinfection process



Disinfection cabinet

With the disinfection cabinet for the KR1000 you don't need a separate room for the disinfections anymore.

Optimal handling

- integrated power supply; extendable work desk; observation window

Enormous saving of space

- no separate disinfection room needed

Improved staff protection

- different opportunities to dissipate exhausted air

Ideal integration

- in every chosen RAL colour



technical data

dimensions

length x width x height

470 mm x 370 mm x 220 mm

mass

15,5 kg

power supply

230 V ~ (50-60) Hz

power input

150 VA

operating temperature

+20 bis +35 °C

relative humidity

20 % - 80 %

PC interface

RS 232

safety class

IP 20

class MDD

IIa

documentation

The usage of KR1000 and the documentation of the disinfection are taking place at the computer by software developed especially for KR1000. The documentation can be printed or saved as PDF file.

contact

Medizin & Service GmbH

Boettcherstraße 10

09117 Chemnitz

phone: +49 (0)371 560 36 80

fax: +49 (0)371 560 36 99

e-mail: entwicklung@medizinservice-sachsen.de

web: www.medizinservice-sachsen.de

