

WEINMANN Emergency Medical Technology GmbH + Co. KG
PO Box 57 01 53 • 22770 Hamburg • GERMANY

**To operators of and service partners for
WEINMANN ventilators**

Hamburg, April 7, 2020

Dealing with WEINMANN ventilators in case of the suspected contamination of the device interior with Covid-19

Dear Sir or Madam,

Due to the current pandemic situation, we are receiving an increased number of inquiries regarding the decontamination of the interior of WEINMANN ventilators following suspected contamination with Covid-19, e.g. if no hygiene filter was used at the dust filter.

Generally, we wish to point out once again that, we consider the risk of contamination of the device interior to be low during standard use in emergencies and transport as well as during the operation of devices on LIFE-BASE in its bag.

We wish to provide you with the following information on the reuse of a WEINMANN ventilator following suspected contamination with Covid-19:

- There is currently **no recommended or validated reprocessing method** for the interior of a WEINMANN ventilator.
- According to a recently published review article, coronaviruses can persist on inanimate surfaces, such as metal, glass or plastic, for up to 9 daysⁱ.
- A more recent study specifically examined the stability of the new SARS-CoV-2 compared with the older SARS-CoV-1 in aerosols and on surfacesⁱⁱ. It was demonstrated that both viruses can survive on plastic and steel surfaces for up to 72 hours.

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WEEE Reg. # DE 47913245

Creditor ID
DE35ZZ00000353971

General Partner
WEINMANN Emergency
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Registration Court
Hamburg Municipal Court
Dept. B # 38144

Certified QM System meeting
EC directive 93/42/EEC, Annex II
(EN ISO 9001/EN ISO 13485)

Banking Connections

Deutsche Bank AG Hamburg
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SWIFT DEUTDEHH

Hamburger Sparkasse AG
IBAN DE44 2005 0550 1032 2626 67
SWIFT HASPDEHHXXX

Commerzbank AG Hamburg
IBAN DE14 2004 0000 0632 0071 00
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We therefore consider the following method to be appropriate, but wish to point out that all operators and service partners **act on their own responsibility and at their own liability risk:**

If you are an **operator** and suspect that the device interior is contaminated with Covid-19 following the transport of ventilated patients:

- After use, carry out the hygienic reprocessing of the device and the accessory components as usual according to the instructions for use. Make sure that the disinfectant is virucidal. As an alternative to the disinfectant specified in the instructions for use, you can also use the hydrogen peroxide-based Ecolab Incidin™ OxyWipe S for wipe disinfection.
- If possible, place the device in quarantine for at least 72 hours before using the device again for ventilation.
- ALWAYS use a breathing system filter between the patient valve and the patient, including when using disposable ventilation hoses.

If you are a **service partner** and receive devices from a customer for repairs or maintenance:

- Wear gloves during all activities on the device.
- If possible, place the device in quarantine for at least 72 hours before beginning work on the device.
- If necessary, remove the device from the LIFE-BASE.
- Then carry out the wipe disinfection of the components according to the instructions for use using a virucidal wipe disinfectant. We recommend the hydrogen peroxide-based Ecolab Incidin™ OxyWipe S.
- Observe the general hygiene measures related to Covid-19 (e.g. do not touch your face with your hands, disinfect your hands after the service or repair procedure).

If you have any further questions, feel free to contact us.

Kind regards,

WEINMANN Emergency Medical Technology GmbH + Co. KG



On behalf of Vanessa Kühn
Senior Product Manager Emergency and Transport Ventilation

ⁱ Kampf et al: Persistence of coronaviruses on inanimate surfaces and their inactivation with biocidal agents. Journal of Hospital Infection. Volume 104, Issue 3, March 2020, Pages 246-251.
<https://www.sciencedirect.com/science/article/pii/S0195670120300463?via%3Dihub>

ⁱⁱ van Doremalen, Bushmaker, Morris: Aerosol and Surface Stability of SARS-CoV-2 as Compared with SARS-CoV-1. The New England Journal of Medicine. DOI: 10.1056/NEJMc2004973.
<https://www.nejm.org/doi/full/10.1056/NEJMc2004973>