




Information on the WEINMANN Hygiene Filters

Due to increased inquiries about the technical properties of our hygiene filters, you will find more detailed information below.

This letter concerns the hygiene filters for MEDUMAT Transport (WM 28252), MEDUMAT Standard² (WM 28740) and MEDUVENT Standard (WM 35730). These are virus and bacteria filters that filter the ambient air aspirated at the device inlet to prevent viruses and bacteria from entering the inside of the device.

-  WEINMANN hygiene filters are electrostatic filters and offer effective protection against viruses and bacteria with a size of > 27 nm. The filter material used is also used for breathing system filters in breathing circuits.

-  The **viral filtration efficiency** for the filter material was proven in a test procedure according to ASTM F2101 with a test germ of the size of a virus (25-27 nm) dissolved in the aerosol and is > 99.999%.

-  The **filtration efficiency** was also tested **according to ISO 23328-1** (Breathing system filters for anaesthetic and respiratory use - Part 1: Salt test method to assess filtration performance) at the most penetrating particle size (MMPS) of 0.3 µm. Here the filtration efficiency was > 99%.

Hamburg, 20 March 2020

WEINMANN Emergency Medical Technology GmbH + Co. KG