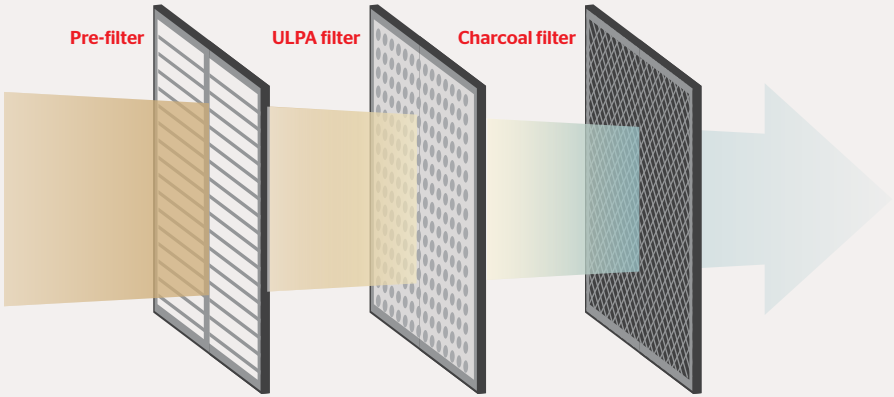
MEGADYNE™ Smoke Evacuator is capable of capturing particulates of **0.02-0.10 micron at 99.9999% efficiency[1,2*]**

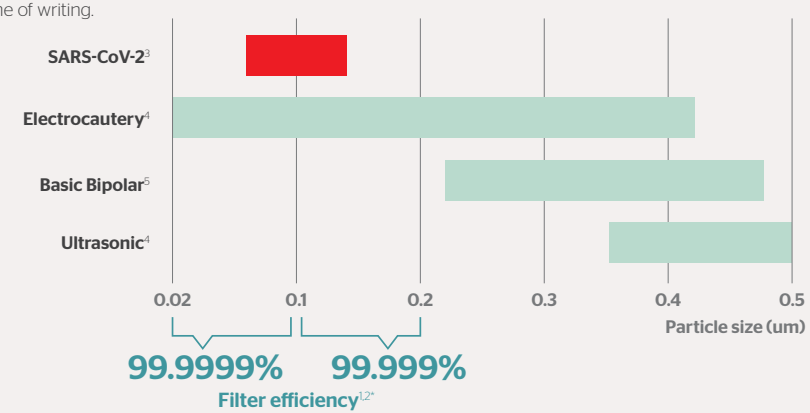
Filtration technology



Filtration efficiency

Relative diameters of surgical smoke particles compared to SARS-CoV-2

Data regarding particles generated by advanced bipolar devices was not available in the scientific literature at the time of writing.



*Evaluated with DEHS aerosol challenge at 2.75 FPM.

References: 1. Ethicon, EN-1822-3, Test Report Flat Sheet Media, Aug 2018, Data on File (157477-201029) **2.** Ethicon, 24082020, Filter Media Used for Megadyne Designed Filters, Aug 2020, Data on File (157477-201029) **3.** Zhu D, Zhang D, Wang W, Li X, Yang B, Song J, Ph.D. Zhao X, Huang B, Shi W, Lu R, Niu P, Zhan F, Ma X, Wang D, Xu W, Wu G, Gao GF, Phil D, Tan W, A Novel Coronavirus from Patients with Pneumonia in China, 2019, The new England journal of medicine. 2020;20;382(8):727-733 **4.** King-Man Fan J, Fion Siu-Yin C, Kent-Man C, Surgical Smoke. Asian Journal of Surgery. 2009;32;252-257 **5.** Farrugia M, Hussain S, Perrett D, Particulate Matter Generated During Monopolar and Bipolar Hysteroscopic Human Uterine Tissue Vaporization, Journal of Minimal Invasive Gynecol. 2009 Jul-Aug;16(4):458-64

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Please refer always to the Instructions for Use / Package Insert that come with the device for the most current and complete instructions.

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