



Product description	Model ASP-X1
Settings	Manual mode, UV on
Manufacturer	Aurabeat Technology
Type of test	Experimental study on the effectiveness of an air purifier for confined environments in neutralizing the contagiousness of the SARS-CoV-2 virus
Methodology	Producing a viral aerosol, passing the viral aerosol through the purifier, collecting samples and evaluating (a) the infectious viral load by cell culture and molecular PCR analysis (challenge test); (b) presence of viral nucleic acid (PCR); (c) presence of viral Antigen.

RESULTS

Sample	Antigenic test	Molecular test	Challenge test (infectivity)
Negative control	—	—	—
Positive control*	+++	+++	+++
ASP-X1	—	—	—

Presence of viral Antigen.



This experiment demonstrates that the Aurabeat Technology ASP-X1 equipment tested is able to completely neutralize the airborne viral load of SARS-CoV-2. In the experiment, the value of the PCR cycle turned negative compared to the non-purified sample, which had a value of 23 (viral nucleic acid) and 28 (Infectious intracellular viral load).

Therefore, the equipment tested is able to eliminate >99.999% of the aerosolized SARS-CoV-2, with the air passing through the purifier a single time.

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