

ATTACHMENT 12.2

Laboratory study on the sanitizing effects produced by a MATE – Jonix

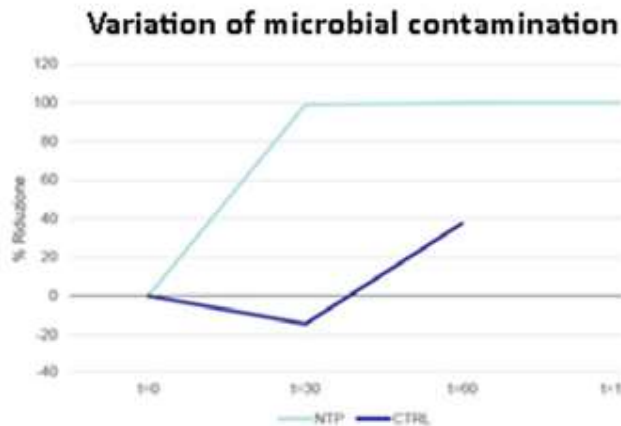
Environmental Sanitisation with JONIX™ MATE

MATE device by JONIX™ is a sanitizing cabinet system that uses NTP cold plasma technology to ionize the air. Its use is focused on sanitizing industrial, medical and ambulatory environments and it is suitable for many other applications, amongst which the agri-food industry (cultivation and food preservation).



ARCHA srl laboratories have compared the spontaneous reduction of microbial contamination in a workplace with and without NTP treatment (respectively with MATE in operation and with non-operating unit).

The results are shown in the graph below.



Comparison between spontaneous reduction of airborne microcontamination (CTRL) and what is determined by the treatment. Negative values indicate an increase in contamination with respect to zero time (end of atomization)

From the graph, it is possible to observe how, just after 30 minutes of treatment with the device, the microbial reduction percentage is really close to 100%. This confirms the efficiency of the JONIX™ MATE to sanitize living and working environments