



# Bioquell Hydrogen Peroxide Vapour Technology

for the Decontamination of N95 and /or FFP2 Respirators

The Singapore Health Sciences Authority has issued a provisional authorisation for the use of Bioquell 35% hydrogen peroxide vapour technology to decontaminate compatible N95 and/Or FFP2 respirators.

Existing customers can apply their current Bioquell system(s) to perform this task, and new clients can be quickly trained to operate Bioquell equipment safely and efficiently.

Bioquell technology is authorised only for the duration of the COVID-19 pandemic declaration, unless the provisional use authorisation is terminated or revoked sooner. The following Bioquell systems are approved for this application during the length of the provisional use authorisation: Bioquell BQ-50, Bioquell ProteQ, Bioquell L-4, Bioquell Q-10, and Bioquell Z, Bioquell Z-2 and the Clarus C.

## Key Facts:

- ▲ Each respirator can be decontaminated up to 20 times
- ▲ Cellulose-based materials should be considered incompatible with the Bioquell decontamination process
- ▲ Respirators with visible soiling (e.g., blood) or damage must be discarded
- ▲ While Bioquell will offer insights, healthcare facilities are responsible for the coordination, tracking, reporting and safety of all respirators
- ▲ Recent studies from [Duke Health](#) and [Yale University](#) utilised Bioquell systems to effectively reprocess N95 respirators while ensuring the integrity of the mask was retained
- ▲ Bioquell hydrogen peroxide vapour produces a 6-log sporicidal kill on all exposed surfaces
- ▲ Bioquell Hydrogen Peroxide Vapour generators have received provisional authorisation during this COVID-19 situation



For more information, visit [bioquell.com/N95](https://bioquell.com/N95)