

Kills bacteria, viruses and superbugs on all cycles

The OTEX laundry system kills bacteria, viruses and superbugs – including MRSA and Clostridium difficile – on all wash cycles.

To prove the system's effectiveness, exhaustive tests were carried out in laboratory-controlled conditions by microbiologists from widely respected and accredited Microsearch Laboratories.

Comparative tests were carried out on laundry contaminated with a strain of MRSA. One test was with a commonly used 40°C wash programme and the other was with an OTEX cycle. MRSA was still very much in evidence after the 40°C cycle – but after the OTEX cycle, there was no viable trace of the bug.

Other comparative tests centred on Clostridium difficile, which has been reported to be killing twice as many people as MRSA.

When water containing Clostridium difficile and processed by the OTEX system underwent an EU Suspension test, it was found to have no viable trace of spores after only two-and-a-half minutes.

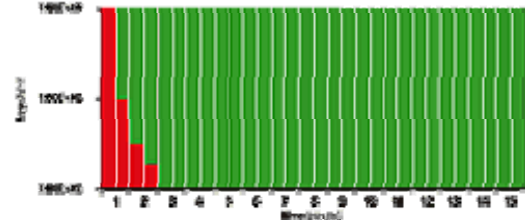
Water containing Clostridium difficile which had not been processed by OTEX was then held at a temperature of 75°C for 15 minutes. Even though this was far hotter and longer than thermal disinfection cycles recommended by the NHS, Microsearch found innumerable Clostridium difficile spores remained – they said the reduction of spores was 'insignificant'.

Microsearch also carried out tests on microfibre mop heads used on a hospital ward. After a mop head was processed with OTEX it was found to be bug-free. But after a thermal disinfection cycle, another mop head remained rife with Clostridium difficile.

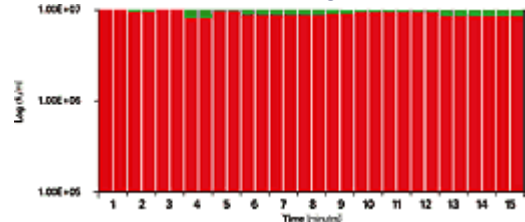
Based on one cubic centimetre of the mop head analysed, the entire mop head was still teeming with bugs - it was estimated to have had 150,000 Clostridium difficile CFUs (Colony Forming Units).

After studying scientific evidence, the Commission for Social Care Inspection (CSCI), stated that laundry systems using the 'specific technology' of OTEX comply with the National Minimum Care Standards.

Total Clostridium Difficile kill in 2.5 minutes @ 40°C in OTEX



Insignificant Clostridium Difficile kill in 15 minutes @ 75°C (current NHS guidelines)



Validated ozone disinfection

OTEX can not only kill bugs on all wash cycles, but can actually prove that it has done so.

The system is available with a sophisticated validation unit which monitors the amount of ozone being injected into the wash process and provides a printed 'receipt' confirming that the cycle has achieved disinfection.

This guarantees complete peace of mind in all environments where infection control is critical.

