## **ANTI-MICROBIAL FINISH**

Buy Priorclave autoclaves in the knowledge that every care has been taken to build robust machines with a superior exterior finish to body panels and frames preventing potential for cross-contamination within laboratories.

Priorclave has incorporated Biomaster Protection into the exterior epoxy coating, a highly effective and permanent treatment for control of harmful bacteria, making any surface cleaner, more hygienic and providing durable lifelong protection against the threat of cross contamination.



The tough special epoxy finish is proven to reduce bacterial growth by up to 99.99% and is highly effective against MRSA, E.coli, Listeria, Legionella, Campylobacter, Salmonella, Pseudomonas and over 50 other species.

Silver is the active ingredient in Biomaster Protection, an additive range created by Addmaster (UK)

Ltd. The company developed the means and method to safely and effectively incorporate the silver into our durable epoxy paint finish. It disperses throughout the entire paint, will not wash off and lasts for the coatings lifetime.

The advantage of using a silver based technology is that it is inorganic and non-leaching, which means unlike organic antimicrobial technologies it stays within the item it is added to, providing antimicrobial protection without allowing bacteria to develop resistance.

Incredibly durable, long-lasting and highly active, with Biomaster Protection as an integral part of the Priorclave autoclaves you are assured of safer laboratory sterilising. The tough epoxy finish on all Priorclaves has been tested to ISO 22196:2011 standards to prove its antimicrobial efficacy.

All tests are carried out independently by one of Europe's top independent microbiology laboratories. The laboratory is the only lab, outside of Japan, to have SIAA (Society of Industrial technology for Antimicrobial Articles) accreditation. The SIAA is a cross-industry/ academic group for supervising antimicrobial technology.



The above Actions of Biomaster diagram demonstrates the three different modes of action that silver ions have on a bacteria cell.



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The above graph represents the typical performance against bacterial growth for a Biomaster Protected product which is effective at quickly reducing the growth of bacteria.



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