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For areas with particularly high hygiene requirements

Now certified: Hako AntiBac – Antibacterial equipped dirty water tanks

For application areas with particularly high demands when it comes to hygiene, when cleaning according to the HACCP concept, for example in clinics, old people's home and nursing homes, canteens or in the field of food processing or food storage respectively, Hako-Werke offers antibacterial equipped dirty water tanks for the Hakomatic CLH models.

For in particular in the dirty water tank the danger exists that – if the inside of the tank is not cleaned 100% after use – over time there will be contamination (germination of spores), which is undesirable and which could potentially pose a risk, particularly in sensitive areas such as clinics.

Antibacterial action confirmed according to ISO 22196 (JIS Z 2801)

With Hako AntiBac, the antibacterial dirty water tank, we are dealing with a tank, which has a reducing effect on the growth of bacteria and mould as a result of mixing in special additives. These antimicrobial additives are silver-based inorganic compounds. These are characterised by good effectiveness, safe processing and simple recycling. The antimicrobial effectiveness of the silver has been known for centuries. A test carried out by the Fresenius Institute in Dortmund in May 2010 confirmed once again clearly the antimicrobial action of the material.

The mode of action

With antibacterial equipped tanks the surface area of the tank interior is protected against the growth of bacteria, mould / fungus and spores, after the dirty water has been drained, which could possibly arise as the result of residual moisture and left over dirt. It also significantly reduces the emergence of unpleasant odours.



Antibacterial action of the material tested, verified and approved by the Fresenius Institute in May 2010.



Hako offers antibacterial equipped tanks for the Hakomatic CLH versions of the "Clinic" machines.

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The proof of effectiveness

According to JIS Z 2801 (ISO 22196) in the laboratory, for the material composition chosen by Hako there was a reduction of 99.9 % in various bacteria as well as moulds. The growth of bacteria and mould in antibacterial tanks is therefore reduced considerably.



Two prepared tanks (1) without AntiBac (2) with AntiBac were closed and stored at room temperature for 7 days. After this time there is a significantly reduced growth of bacteria, mould and spores in the Hako AntiBac Tank (2). The Hako AntiBac Tank also developed significantly less odour.

The benefits

Changing the CLH models of the Hakomatic B 45, B 70 and B 90 series over to the antibacterial dirty water tank has resulted essentially in three main advantages:

- The ability to fulfil specific hygiene requirements more easily, As with the same cleaning effort there is considerably better hygiene in the dirty water tank
- Environmental protection and reduction in costs as a result of lower consumption of disinfectants (chemicals) used for tank cleaning
- Employee protection through lower contact of the cleaning personnel with bacteria, mould and spores as well as unpleasant odours

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