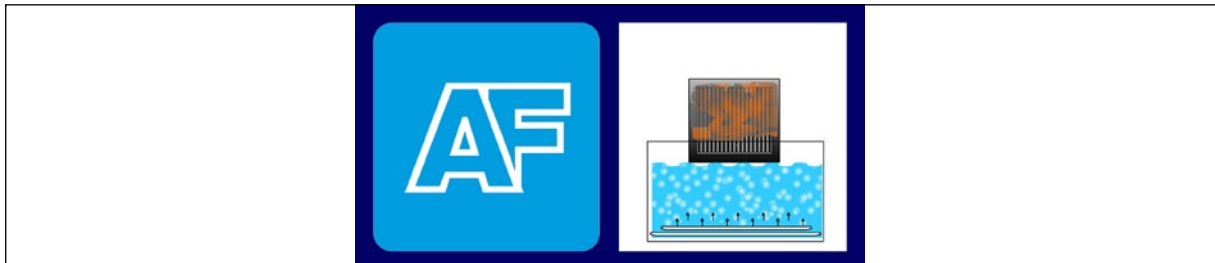


kolb AirFlow[®] Technology.



The AirFlow[®] principle - developed by kolb works with nature's elements: Air and water.

The goods to be cleaned are, supported through compressed air, actively submerged by the cleaning fluid. In the bubbling bath the contamination is fastly and efficiently cleansed through the whirling waterbased cleaning fluid.

Waterbased and odour neutral

The utilized waterbased detergents guarantee an optimum effectiveness at the same time ensuring best possible protection of the material. These certified detergents scent neutral and do not require any special ventilation systems. The technological principle of the cleaning systems and the optimum cleaning power of the utilized detergents guarantee an efficient cleaning process which leads to perfectly clean purified production tools.

No safety areas required

As the AirFlow[®] systems are operated at room temperature (20° - 35° C max .) and with waterbased detergents. The machines do not require extra safety areas but can be installed near the production line. The AirFlow[®] principle with a certified noise level of, is a comparatively "whistling process".

System construction

All elements that are subject to mechanical stress are made of stainless steel, bearings, bases and gliding elements are made of Teflon / PTFE /POM etc. The process chamber and all tubing systems made of PVC.

The PVC parts connected using a special procedure ensure that, unlike in weld seams of stainless steel containments electrolysis due to alkaline detergents cannot occur.

This guarantees a long life span of all sections coming into contact with detergent and containments.

More ecological than required by law

With the exemplary environmental compatibility - amongst other things implemented through the use of normal tap water, biodegradable detergents and air circulation drying - this technology meets tomorrow's legal requirements already today.

The disposal of the waste- and drip-water will be into the local waste water line or into a disposal tank. The inclination of the systems' bottom guarantees a thorough emptying of the chambers. Upon demand kolb takes over the disposal of the exhausted cleaning fluid on demand.

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All modifications due technical improvements are subject to change without notice.