

ABS System

Press release

SMT (soldering) machines with a double chamber absorption system

Soldering processes are always linked with outgassing from PCBs, lacque and flux residues. So Absorption systems that operate optimally have a decisive impact on the quality of the soldering system, cleaning costs and downtimes and therefore on the overall efficiency of the complete system.

SMT, Wertheim, has now equipped all its systems with an optional double chamber absorption system and has thus reduced maintenance time, costs and downtimes substantially. Process gases are no longer cleaned with the usual condensation process but instead are bound in a granulate. This has considerable advantages. The granulate allows much longer operational times and only has to be renewed after approx. every 3000 hours of operation. The process area is kept free of deposits and the time and effort required for cleaning is drastically reduced. The gas guideways have been greatly shortened in the new system. This means that long distances from the process chamber to the absorption area are a thing of the past. Heating of the pipes to prevent temperature fluctuations is no longer necessary. A pleasant side effect is even lower energy consumption. With its new double-chamber absorption system, SMT has launched a convincing solution for process gas purification that, in addition to higher reliability and reduced maintenance costs, also sets a technically clear course.

Further information:

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