

SCHMID will present its innovation InfinityLine V+ at productronica 2017

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At this year's leading PCB trade show productronica in Munich (Germany) the SCHMID Group is presenting its latest automation solutions and the [InfinityLine V+](#) for the contact-free vertical processing of thinnest circuit boards and substrates.

SCHMID InfinityLine

Over 50 years of experience in wet processing of the SCHMID Group, the best solutions from our CombiLine and PremiumLine as well as state-of-the-art features make the new InfinityLine a particularly efficient and reliable module generation.

In addition to the proven SCHMID quality and performance, it offers a particularly high degree of user friendliness, a significant reduction in chemical drag-in and drag-out, compliance with the highest energy efficiency standards, particularly low wear and a significantly longer service life compared to the competition.

The trade show innovation InfinityLine V+

The vertical processing of printed circuit boards and substrates using transport clamping frames opens up new possibilities: The InfinityLine V+ is characterized by a secure contact-free transport and the absolutely homogeneous treatment of thinnest circuit boards and substrates.

The contact-free transport and the minimized drag-in and drag-out maximize the yield when performing various sensitive processes, such as Development (Litho & SR), Flash Etch, Stripping (including amines), Pre-Treatment and Ti Etch.

The new drive system below the production level prevents the deposition of particles on the product and thus offers a clean room capacity that has not yet been achieved in circuit board production.

The Infinity Line V+ already supports the requirements of Industry 4.0 by providing interfaces to the customer's individual Manufacturing Execution System (MES). In addition, various applications are available for product tracking, data history management as well as data processing of water, chemical and energy consumption. The web-enabled user interface makes it possible to monitor and control the system via various mobile terminals.

The InfinityLine V+ offers the possibility of integration into an intralogistics system: The Single Panel / Frame Automation of SCHMID is available for transporting the printed circuit boards and substrates between the process lines. In addition, loaders and unloaders as well as buffer systems are available optionally.

Real and virtual highlights on the SCHMID exhibition booth

On the productronica exhibition booth of the SCHMID Group (booth 205, hall B3) visitors may have a close look at the real SCHMID InfinityLine V+ system and may take advantage of virtual activities: SCHMID uses virtual-reality glasses to give three-dimensional insights into tomorrow's technology world.

For instance, SCHMID's vision of a factory of the future with fully automated processes will be shown. This underlines the future-oriented strategy of the company to promote its Automation business unit and Industry 4.0 applications.



CONTACT

Germany +49 7441 538 0
press@schmid-group.com