

Sonderhoff unveils new three-component SMART-L / DM 403 dispensing cell at Hannover Messe 2015

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Sonderhoff's new three-component SMART-L / DM 403 dispensing cell will make its premiere at [Hannover Messe 2015](#).

At the show, Sonderhoff will demonstrate live the new 3-component SMART-L / DM 403 dispensing cell for foam sealing, gluing and potting of industrial parts.

The Fermapor K31 foam sealings as Fast-Cure system and with flame protection will be processed by the machine for application on small parts of a control cabinet.

Sonderhoff's Fermapor K31 Fast-Cure sealing products are fast reacting two-component polyurethane (PU) foam seals with short tack-free and assembly times. This sealing system with flame protection fulfills the US fire safety standard UL 94 HF-1 for the use of control cabinets.

The 3-component dispensing cell SMART-L / DM 403 with the outer dimension 1,700x1,985x2,400mm (width/depth/height) is bigger than its smaller brother SMART-M DM 402.

A broader range of various part sizes can be sealed, glued or potted due to the larger traversing area of 1,000x800x250mm (x/y/z).

The mixing and dosing area and the linear robot of both dispensing cell models are placed together on one base frame to offer a smaller footprint for manufacturers in the electronics, telecommunication and IT as well as medical appliances industries.

As said, the SMART-L dispensing cell can flexibly reacts to small and changing batch sizes, as well as parts with a large variety of versions with process-optimized part feeding that helps to adapt to different production concepts. Subsequent refitting of the dispensing cell caused by varying kind of orders is easily done due to its flexible modular construction and standardized single components.



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Feeding the dispensing cell with parts for applying foam gaskets, glues or potting compounds is optionally available by hand, semi or fully automatic.

Quick and easy access to the dispensing cell for maintenance and cleaning purposes is ensured by large openings of the lift gates at the front and on the sides, as well as by a service door opening at an angle of 180° over the full height.

The removable cell roof also gives more easy access to the dispensing cell and facilitates the transport. A separate supply level in the cell floor ensures a protected guidance of the electric and pneumatic lines. The hose guide of the individual material components from the dosing pumps to the mixing head has also been improved.

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