Minebea intec
The true measure

Higher quality, lower costs: statistical process control with SPC@Enterprise

Version 3.0 of Minebea Intec´s powerful SPC@Enterprise offers customers a complete statistical process control solution that is both comprehensive and user-friendly. The software captures data from various devices and systems along the production line. Professional evaluation of this data, alongside classic filling quantity control, facilitates dynamic and HACCP-compliant process control. The result: consistent product quality and optimum productivity.

Statistical process control plays a pivotal role in the control and quality assurance of production processes. Minebea Intec´s SPC@Enterprise software is able to network a wide range of devices and systems necessary for the complex processes involved in the food industry. All master and test data are stored centrally and are available for evaluation at any time.

"Capturing and processing data from all devices enables each line to be orchestrated into one transparent and optimisable production unit", stresses Michael Gehlhaar-Kirchner, Head of Product Management Quality Assurance at Minebea Intec. "SPC@Enterprise 3.0 is not restricted to any specific system or IT environment: be it Minebea Intec weight transmitters, industrial scales, X-ray inspection systems or solutions from other providers, all devices are connected via Ethernet and the measured data automatically transfers to the database. The software makes a significant contribution to product quality and food safety, and facilitates thorough monitoring and logging in line with packaged goods regulations, HACCP and the recognised food standards IFS and BRC. This makes it easier to provide evidence for audits, for example, and enables precise action to be taken in the case of product recall."

Secure and simple handling of large volumes of data

The modular and scalable software stores data automatically in the MS SQL database, thus protecting against data loss. There are multiple options for system automation and coupling with ERP or MES systems. What sets the software package apart is how simple and intuitive it is to use. It effortlessly generates production and calibration statistics. A powerful monitoring program guarantees rapid process control and online monitoring of all running production tests. An added bonus: individually configurable alarms can significantly reduce reaction times where necessary. To allow you to get even closer to the action, there is also a software version for tablets.

An investment that really pays off – with optimised and streamlined quality processes

The statistical process control offered by SPC@Enterprise also proves itself number one from an economical perspective, as it can be used to control and optimise filling quantities. Underfilling and overfilling constitute a major cost factor as underfilled products are rejected as impermissible, while overfilled products reduce the production yield. With SPC@Enterprise, users are therefore able to optimise processes and guarantee customer satisfaction whilst also increasing their production efficiency.

Image material

SPC@Enterprise is an innovative software solution for control and quality assurance of production processes

For a more mobile approach to process control, SPC@Enterprise is also available as a tablet version

Minebea Intec at a Glance

Minebea Intec is part of the Sensing Device Business Unit of the MinebeaMitsumi Group, a world-leading manufacturer of precision bearings and components, and supplier of high-quality precision and measurement technologies. Minebea Intec is among the market leaders for industrial measurement technology for high-precision measurements and production inspection. The company offers a wide range of products, solutions and services for its customers' manufacturing processes - from incoming to outgoing goods. This includes platform weighers, vessel and silo scales, checkweighers and systems for foreign body detection, as well as software solutions for statistical process controls and formulation applications.

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