



Case Study
Quality Control



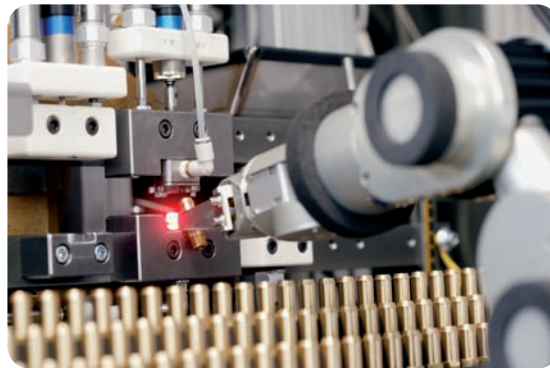
Katana – Automation made easy

Test station for safety valves – success breeds success

The task: Setting four completely different models of safety valve to a predefined nominal pressure and testing them in batch sizes from a few hundred to a few thousand items methodically and to the highest quality standard. The solution: A tried and tested automatic adjustment system, combined with flexible Katana handling technology, to produce a fully-automated test station that satisfies all criteria in terms of rationalisation and process refinement.

Starting point

Ever-increasing production levels of the safety valves meant that the setting and testing process also needed to evolve. A manual process proved adequate for the early stages of the product life cycle but as sales volumes grew switching to a semi and then a fully automated process became necessary. The perfect solution was found in Katana, enabling incremental expansion of the system and continuous refinement of the process without deviating from the proven method or having to reinvent the wheel at each stage.



Benefits/Advantages

- Rationalisation targets achieved
- Minimum changeover times
- Facilitates lights-out operation
- Simple integration with sophisticated PLC systems
- Categorisation of error types and responses



Marco Deplazes, SERTO AG

«Good suddenly
got better.»

Operating on a global scale, the SERTO Group is the only supplier of pipe and tube connections that are connected and disconnected radially.

Choose Katana

- ROI of the entire system in under 2 years
- Precision and speed ideally suited to the process
- No guarding required – human-friendly
- Swiss-made
- Expandable system

Your Neuronics agent

In addition – Katana can also help you with:

- Testing computer chips
- Test procedures in the automotive and supplier industry
- Product development tests
- Testing domestic appliances and other small-scale systems

**The flexible assistant for industrial production,
assembly and quality control.**



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