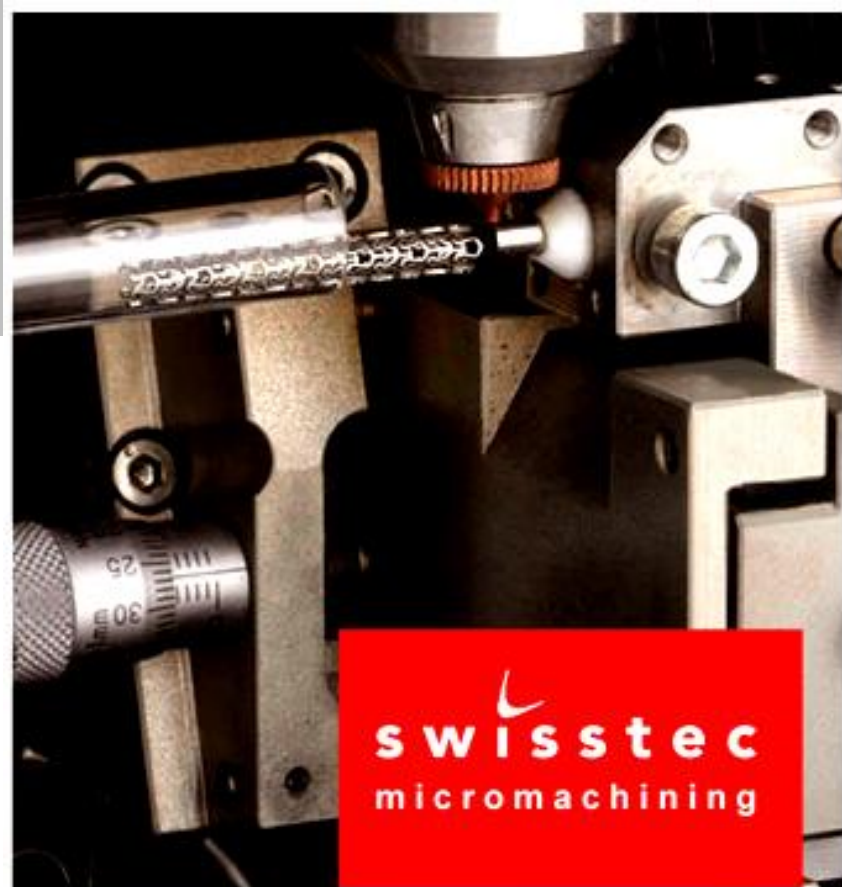


Alps Biocluster Medtech Partnering Day,
Innsbruck, November 24th 2009

Laser Micromachining Systems for medical Device Production

Jennifer Prugg
j.prugg@swisstecag.com



swisstec
micromachining



About Swiss Tec AG

About

Technology

Applications

Customers

Trends

Contact

▶ Zug, Switzerland

- Head Office, international Sales

▶ Mieming (Tirol), Austria

- R&D, final assembly, Aftersales

▶ Zurich, Switzerland

- R&D, Applications Lab

▶ Minneapolis (MN), USA

- Demo Lab, spare part stock

▶ Sales Reps in EU, China, UK, USA

View from
Mieming
Austria



Assembly
Hall



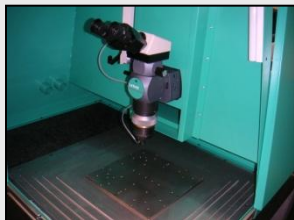
Swiss
Technology
Center
Zurich



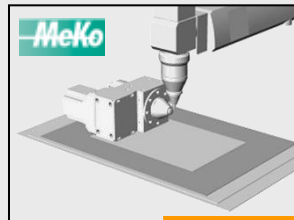
Company Milestones

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First Stencil Machine with Nd-YAG Laser



1. Machine with ability to cut Stents



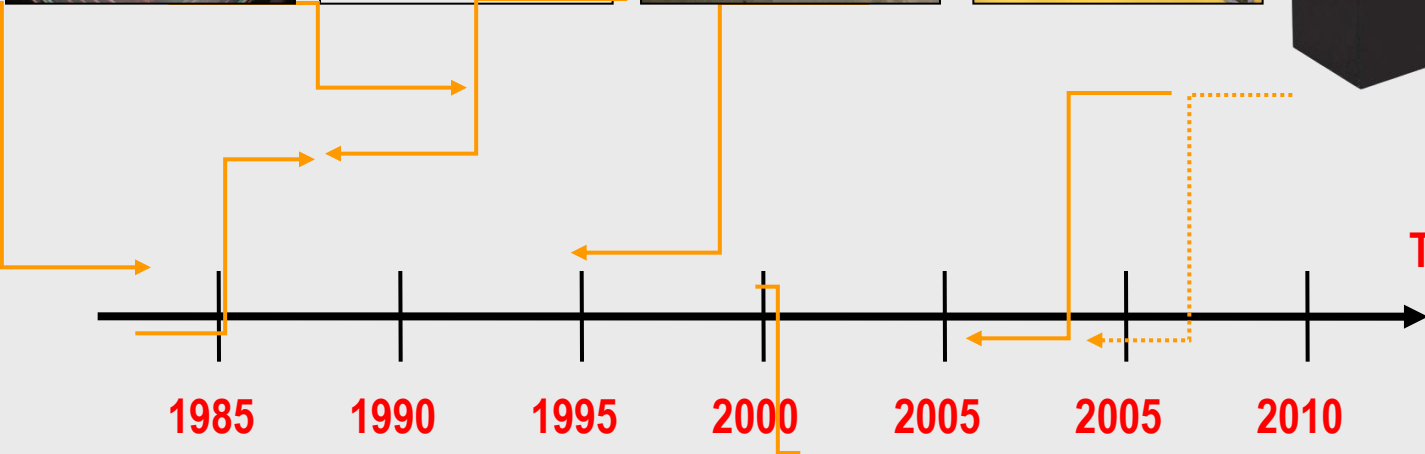
STENT I: Stent Cutter with Nd-YAG



STENT II / III: Stent Cutter for wet cutting



micro T15: 1. Stent Cutter with Fiber Laser



HUBER Formation of Eduard HUBER Engineering

swisstec micromachining Renaming to Swiss Tec AG

Message from our CEO

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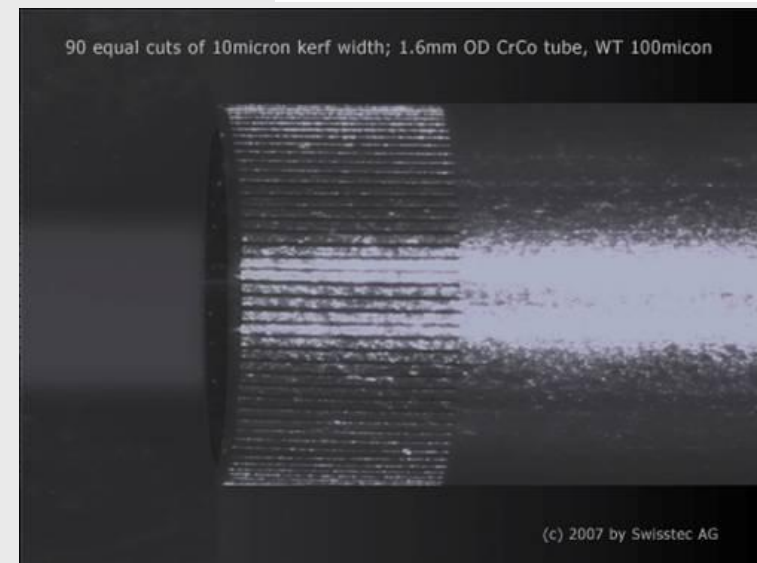
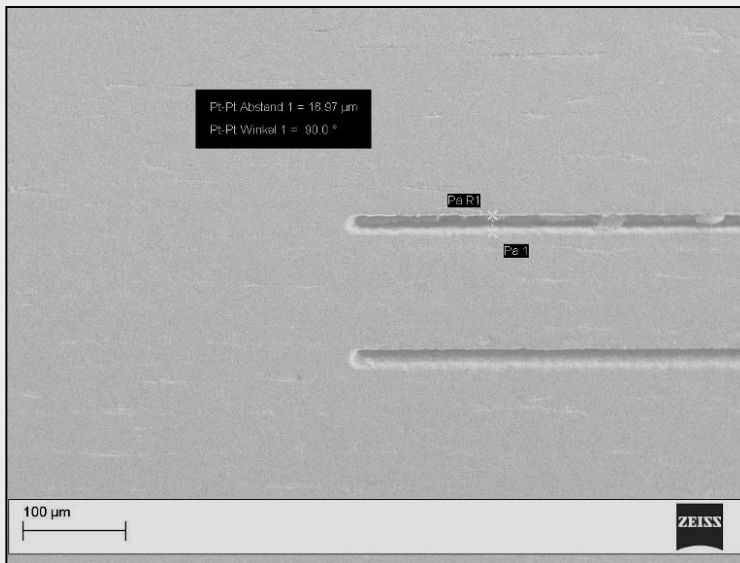
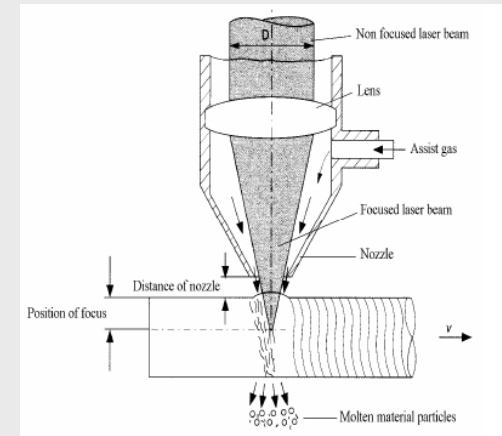


**Eduard Fassbind,
Founder and CEO**

- ▶ We develop and manufacture high-end, turn-key laser micro-machining systems for precision laser cutting, drilling and welding used for a wide variety of work pieces, materials and complexities.
- ▶ We help companies to implement innovative machining solutions to achieve superior performance and productivity.

Technology

- ▶ Laser Fine Cutting and Drilling
- ▶ Minimal kerf width of 8 microns
- ▶ Positioning Accuracy of +/-1 micron



Medical application

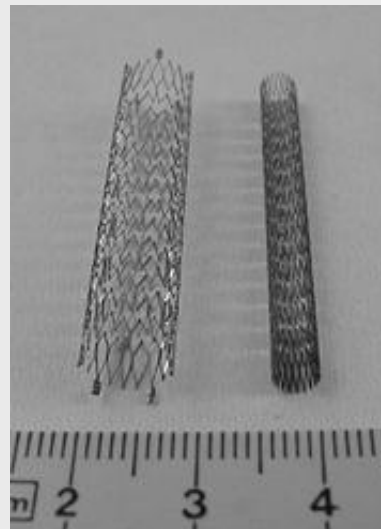
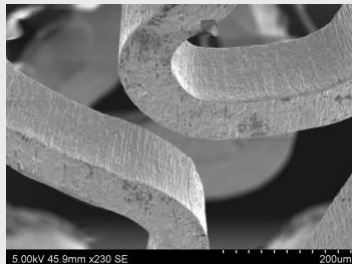
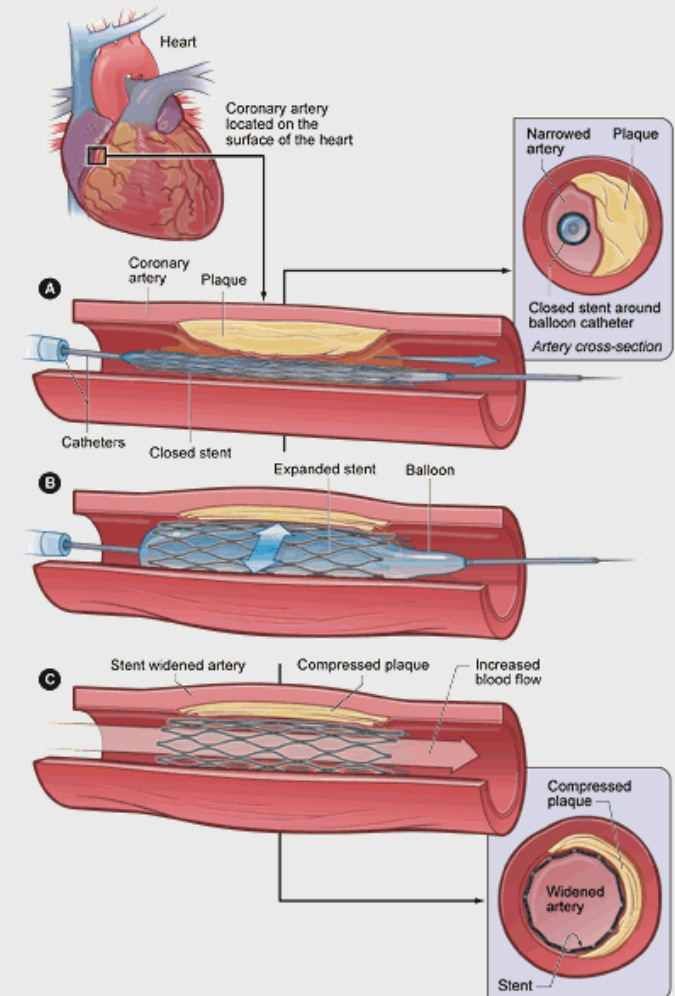
► Stents

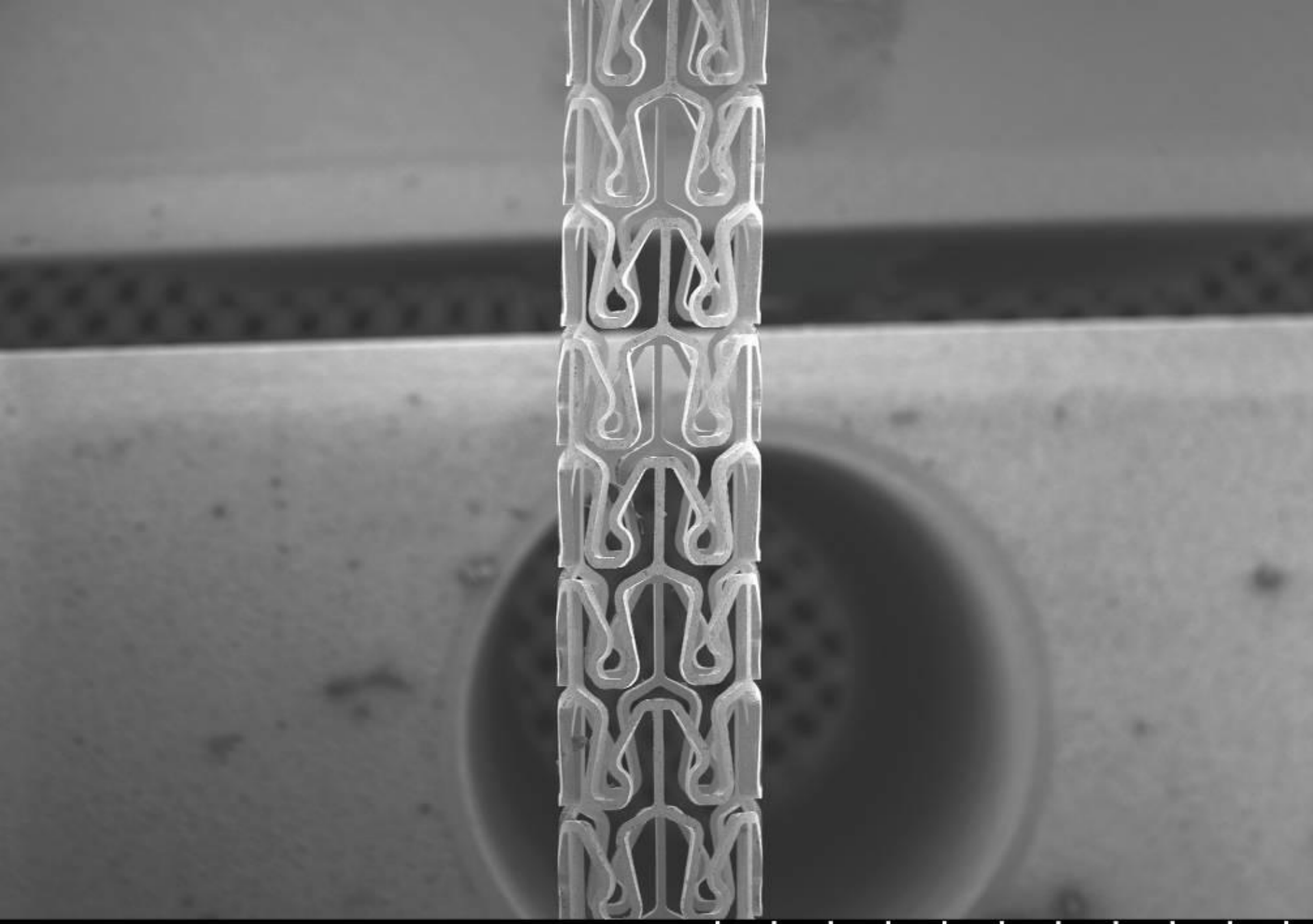
Materials: NiTiinol, Stainless steel, Titanium.
Chrome Cobaldium, Polymer, Magnesium

► Biopsy Needles

► Bone Plates

► Implants (Titanium)

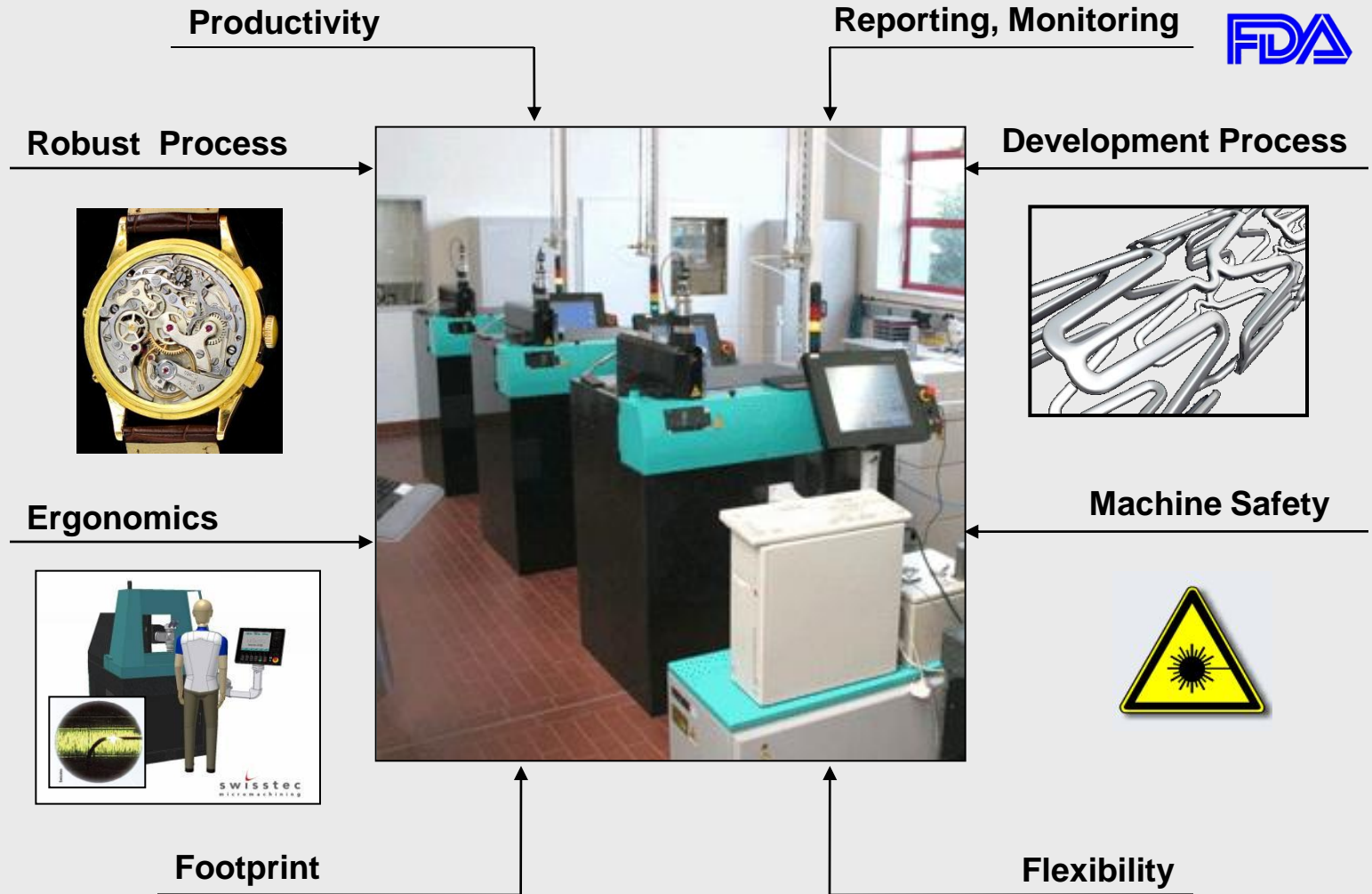




5.00kV 51.3mm x11 SE

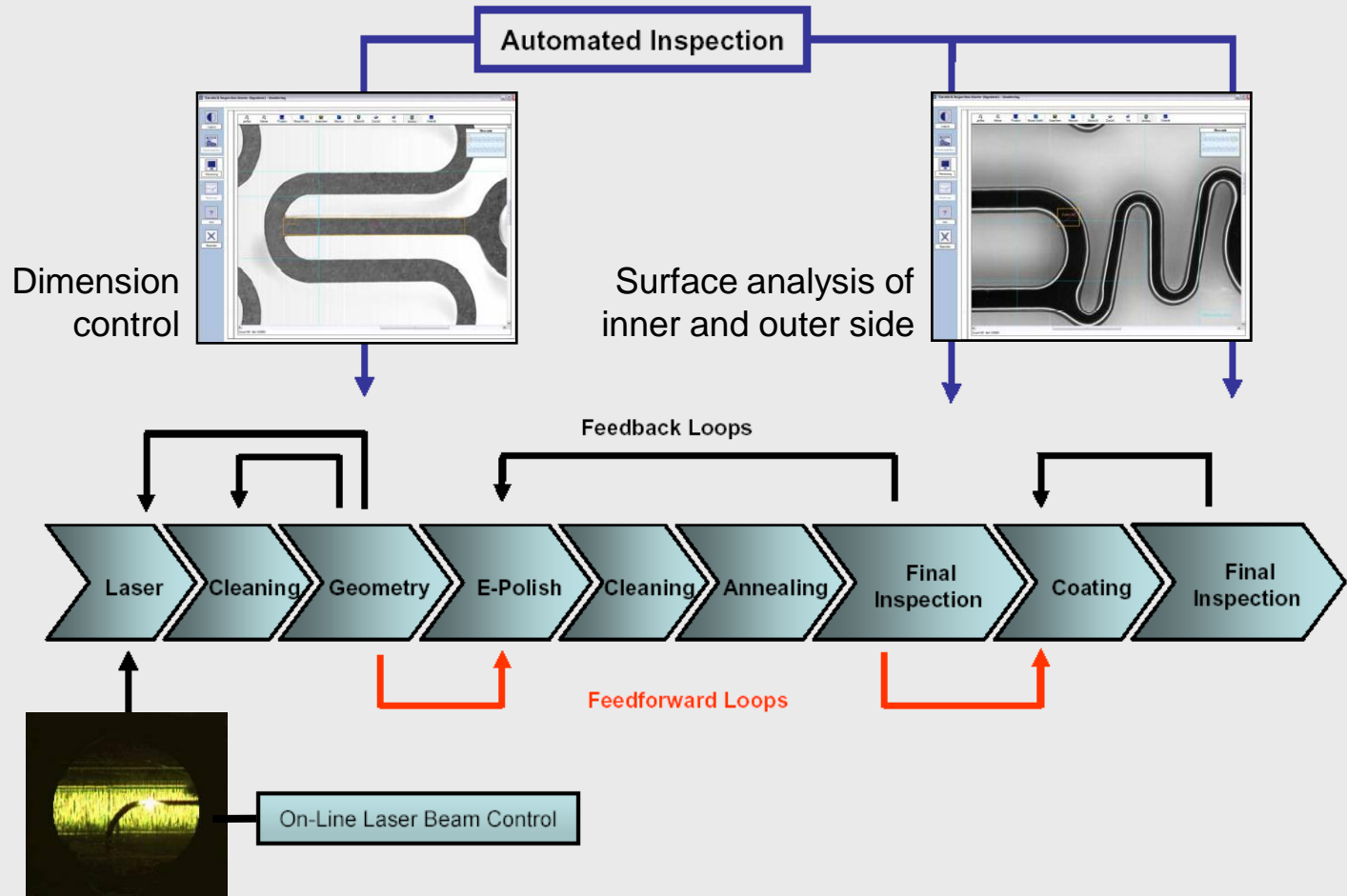
5.00mm

Customers Requirements



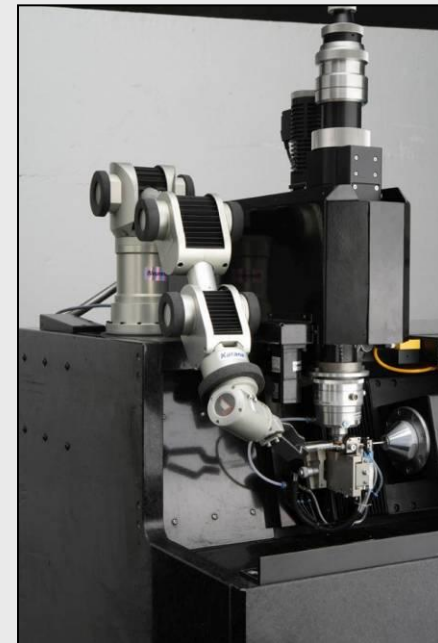
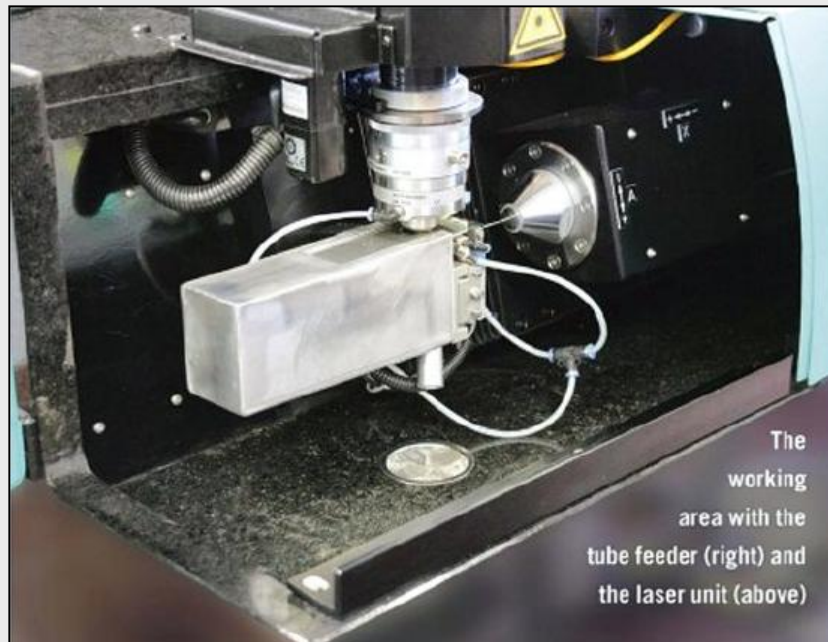
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- Customers**
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The Future: Feedback Loops Feedforward loops.



The Future: Single Product Traceability.

- ▶ „From bulk good to single product traceability“
- ▶ Robotic handling of work pieces



Thank you Questions?

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Please visit:
www.swisstecag.com

