

## METAL 3D PRINTING AT FMI INSTRUMED

### FMI INSTRUMED, THE MEDICAL DIVISION OF FMI

We are a contract manufacturer for the global medical device industry. FMI Instrumed is specialized in the series production of implants such as cages, poly- and monoaxial screws, instruments and other surgery products. Our customers are located around the world.

FMI Instrumed applies additive manufacturing technology in the form of metal 3D printing, to create products such as a whole new generation of spinal implants.



### “FROM POWDER TO FINISHED PRODUCTS”

At FMI additive manufacturing forms an integral part of our production process. This makes FMI unique, not only having the additive manufacturing facilities but also the necessary skills and processes to manufacture from powder to fully finished products, all ‘under one roof’.

### BENEFITS OF 3D METAL PRINTING

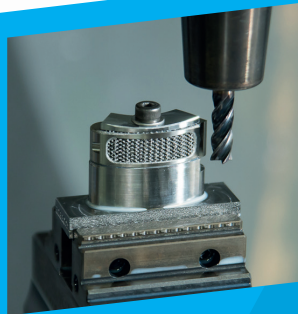
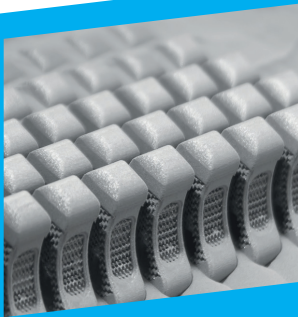
Metal 3D printing is an exciting new technology with major benefits such as:

- Increased functional and complex features
- Improved mechanical properties
- Optimized osseointegration for orthopaedic implants
- Shortened timelines, from concept to FDA compliancy
- Reduced product lifecycle costs



## VALIDATED PROCESSES

FMI Instrumed is an ISO 13485 and ISO 9001 certified company and is FDA compliant. As required by these standards, all processes are validated. The management systems in place are specifically built to ensure quality consistency.



## WHAT FMI OFFERS

- Optimization of customer designs for functionality and fabrication
- Design of customer specific lattice structures
- Rapid prototyping to speed-up design process
- State of the art additive manufacturing machines:
  - Concept Laser M2 Dual Laser
  - Arcam Q10 Plus
- Full scale series production
- Integrated with other processes, "from powder to final product"
- Maintained and ensured quality of every build
- Fully dedicated additive manufacturing team

## MORE ABOUT US

FMI Instrumed is part of FMI, a highly regarded supplier of mechanical systems, modules and components.

### FMI Instrumed

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