



MICROMACHINING

SPEED YOUR TIME TO MARKET WITH OUR VERTICALLY INTEGRATED CAPABILITIES

Partner with Heraeus for everything from individual micro-machined components to end-to-end device design, development, and contract manufacturing. With unmatched micromachining capabilities, Heraeus experts leverage materials expertise, specialized machinery, and custom tooling to push the envelope and create smaller, higher-performing components, assemblies, and devices.

YOUR PARTNER IN BRINGING BETTER MEDICAL DEVICES TO MARKET.

Heraeus Medevio acts as a flexible, tailored, end-to-end extension of your engineering and product development teams. With expertise from materials, development, and pilot production to high volume manufacturing including unmatched clinical and technical expertise, Heraeus device experts will also help you efficiently manage global regulatory and submission requirements.

PRODUCT DESIGN & DEVELOPMENT

Global collaboration hubs committed to design and development with dedicated pilot production lines that can be mirrored in production

MANUFACTURING EXPERTISE

Proven manufacturing technology excellence and superior engineering know-how to solve complex challenges

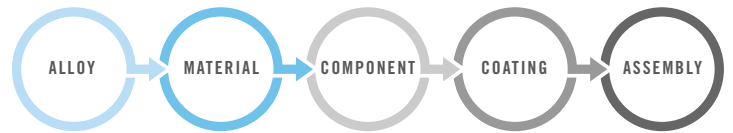
COMMITTED TO QUALITY

170-year history in materials science and trusted quality

SUPPLY CHAIN OPTIMIZATION

Vertically integrated from concept to completion to simplify your supply chain

With a tailored approach and capabilities from development to manufacturing ramp-up, work with Heraeus to simplify your supply chain, reduce risk and speed your time to market.



MEDICAL MATERIALS, PRECIOUS METALS AND THEIR ALLOYS:

- Pt, Pd, Ir, Au
- Refractory metals and their alloys Nb, Ta, Ir, Au and their alloys
- Non-precious metals and their alloys, stainless steel, titanium, MP35N®

MANUFACTURING PROCESSES

- Swiss machining
- Laser cutting
- Laser turning
- Helix manufacturing
- Extrusion
- Additive manufacturing
- EDM process
- Stamping / forming
- Sphere manufacturing
- Pin manufacturing
- Wire forming
- Rivet forming

COATINGS

- PVD Coatings (e.g. TiN, IrOx, Ir, Pt)
- Insulating Coatings
- Electro Plating of Metals
- Metal ink coatings (e.g. Pt, IrOx)
- Conductive Polymers (Amplicoat)

IN-HOUSE FINISHING & CLEANING

FINISHING

- Deburring / Polishing
- Electropolishing
- Etching
- Micro Blasting
- Tumbling
- Passivation

PRE-MATERIAL FABRICATION

- Proper material selection guidance
- Medical grade pre-materials fabricated from melt into wires, tubes, rods / profiles, foils

TOOLING AND FIXTURING

- Efficient in-house tool and fixture design, build, and maintenance

METROLOGY

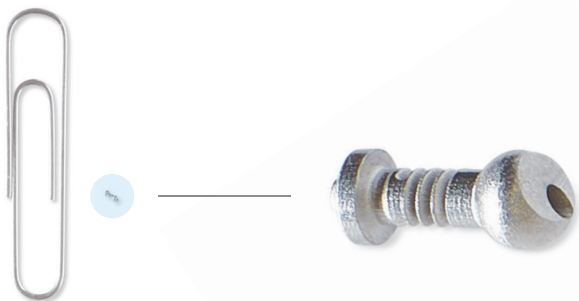
- State of the art technology to address complexity and specification requirements

ASSEMBLY

- Welding
 - Resistance
 - Laser
- Soldering
- Brazing
- Utilization of medical adhesives

CLEANING

- Wet chemical Cleaning
- Plasma Cleaning
- Ultrasonic Cleaning



CONTACT US TO LEARN HOW WE CAN PUT OUR FULLY INTEGRATED, GLOBAL FOOTPRINT TO WORK FOR YOU.

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