



MICROEROSION

HIGH PRECISION MECHANICAL ENGINEERING





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Micro Erosion was founded in 2000 and has been steadily expanding ever since. We now possess the knowledge and skills to meet the needs of even the most demanding customers worldwide.

THE COMPANY

Micro Erosion has solid expertise and strong business ethics. The result is an "all-in-house" supplier that now specializes in highly complex parts and works to tight tolerances. We can develop prototypes and produce medium-sized batches of parts.

MAIN DOMAINS

We work in close collaboration with professional customers requiring exceptional standards. We have evolved into an extremely high-quality subcontractor.

MEDICAL AUTOMATION

- > Machining of pincers, crimping tools and nozzles
- > Development of cutting tools

MEDICAL IMPLANTS

- > Machining of prostheses

AERONAUTICS

- > Complex parts for the Rafale
- > Control parts for helicopter

CONNECTING

- > Machining of punches and dies
- > Development of cutting tools

AEROSPACE

- > Machining of stators

WATCHMAKING

- > Machining of watch components (plates, springs, bridges,...)
- > Machining of tool holders for finishing and quality control



A TEAM OF SKILLED PROFESSIONALS

Each team member actively participates in development and problem solving. In this way, we can rise to even the toughest of challenges. Our six basic services are as follows :

- > Wire erosion in water and oil baths
- > Die-sinking spark erosion
- > High speed milling
- > Turning
- > Precision grinding
- > Tool assembly and adjustment

RESEARCH AND DEVELOPMENT

We have our own R&D department which is an integral part of the company and which uses the know-how and experience of machining to satisfy all customer needs.

CAO SOFTWARE

- > Workstations equipped with Topsold'design MISSLER
- > Workstations equipped with Topsold'Cam MISSLER for 3 and 5 axis milling
- > Workstations equipped with Goelan MISSLER for wire erosion
- > Workstations equipped with PowerMill DELCAM for continual 5 axis milling

MATERIALS

We have acquired the competencies necessary to machine all of the following materials :

- > Tungsten carbide
- > Ceramic
- > Titanium
- > Aluminium
- > Hard plastic (PEEK)
- > Steel
- > Copper
- > Stainless steel
- > Tempered steel
- > Brass
- > Polymers

QUALITY AND TRACEABILITY

We work in accordance with all the latest control methods and constantly strive for perfection

ISO registrations:

- EN 9100 : aeronautics and aerospace
- ISO 13485 : medical devices
- ISO 9001 : quality management

Electronic Content Management - ECM

Computer Assisted Production Management – CAPM

Measuring equipment :

- > Optical and touch-probe measuring using MicroVu VERTEX 311 UM
- > 3D TESA micro Hite
- > TESA measuring arm
- > TESA probe
- > HEIDENHAIM probe
- > TESA measuring column 350+D
- > Microcope MITUTOYO
- > Profile projector TESA
- > Microscope with incorporated digital camera NM1 GARANT

Traceability :

All parts can be traced owing to our laser marking system – SIC MARKING L-BOX 20W.



ISO 9001



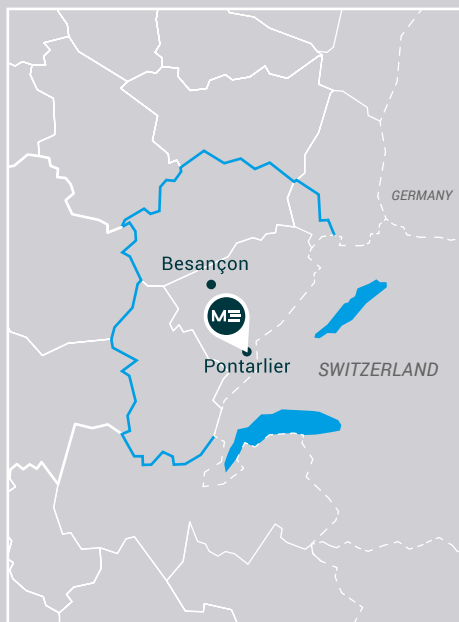
ISO 13485



EN 9100



A multigenerational team that promotes a strong dynamic and firm commitment



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