

Our technology meets your imagination

The company is renowned in Switzerland and abroad for its engagement in the fields of microengineering and micromechanics. Mimotec SA was founded in November 1998, following the doctoral thesis work of its founder, Dr Hubert Lorenz. Since then it has been striving for excellence. As a constant source of innovation and with accumulation of knowledge, the company continues to develop in all fields related to microfabrication.



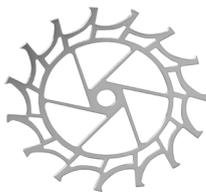
3 levels Dart



Micromould insert



Play free engagement gearing



Escapement wheel



Bridge with integrated stones



Electroformed probe pin

Your partner from prototype to production

Mimotec manufactures its components using a UV-LIGA method, inspired by microelectronic technologies. Many patents protect the technological advances made by the company. More than 2500 articles are produced each year in the workshops ranging from the micro-watchpiece to the micro-mould of the plastic injection and finally to the anti-counterfeiting solutions (CLR-LIGA). The UV-LIGA technique combines the processes of photolithography and electroforming. This additive manufacturing method boasts of lower production costs and rapid implementation, characteristics that traditional material removal processes cannot compete with. Using UV-LIGA, a large variety of shapes can be formed at a level of detail that the classic production cannot achieve. Ideal for rapid prototyping and serial production, this technique enables us to attain micrometric precision as well as unmatched surface quality.