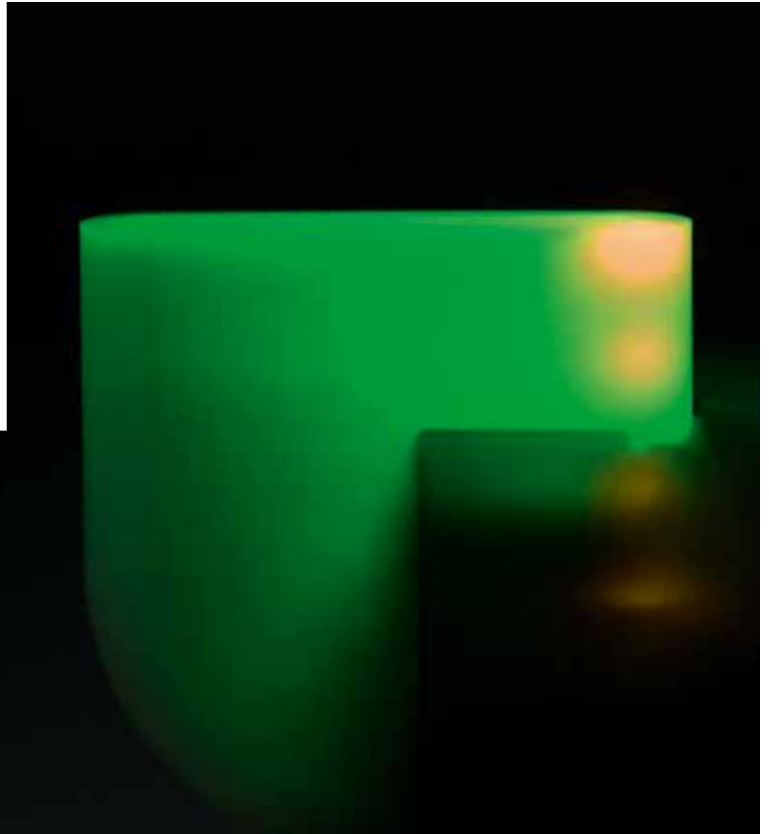


COMPONENTS FOR THE MEDICAL INDUSTRY



COMPONENTS FOR THE MEDICAL INDUSTRY



Working closely with its clients active in medical instrumentation, Ceramaret has designed and manufactured biocompatible components from hard materials such as advanced ceramics (aluminium oxide Al_2O_3 , zirconium oxide ZrO_2 , silicon nitride Si_3N_4 and silicon carbide SiC), ruby and sapphire. The exceptional properties of these materials are ideal for applications that require high resistance to wear (friction, corrosion), heat and compression, as well as for applications requiring high dielectric strength.

At Ceramaret, each project is analyzed by a team of experienced technicians who will carefully examine your requirements. A solution will then be proposed, often consisting of several stages, whether it be for your prototypes, pre-series, or series production.

Based on customer specifications, the parts can be measured to ensure 100% compliance with critical dimensions.



INSULATORS FOR ENDOSCOPY DEVICES

Insulators for medical instrumentation are manufactured in accordance with client specifications and are required to regularly undergo reliability testing as to robustness.



PRECISION CERAMIC COMPONENTS

Ceramic is the ideal material for manufacturing small insulating elements incorporated into surgical or dissecting instruments.



FEED-THROUGH INSULATORS

Known as electrical insulators with excellent biocompatibility, ceramic is the material favored for use as electrical insulators incorporated into surgically implanted or external stimulators.



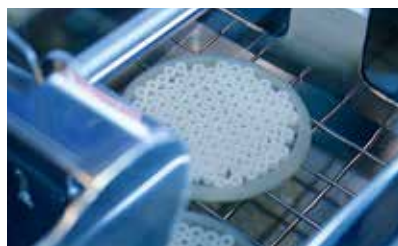
CASES FOR NEUROSTIMULATORS

In its search for non-magnetic solutions, the neurostimulation device industry has been focussing on finding non-metallic casing solutions. The properties of ceramic, particularly its strength and biocompatibility, make it a natural choice for replacing traditional titanium enclosures.



DENTAL IMPLANTS

Ceramic dental implants are the perfect solution for treating patients at risk of rejecting a conventional titanium implant. Increasing numbers of patients are showing an interest in alternatives to metal which offer much better cytotoxicological, histological and biochemical properties than titanium.



All of our medical products are processed in an automatic cleaning cycle which meets the strict requirements set out in medical standards

COMPONENTS FOR THE MEDICAL INDUSTRY



For over a century, Ceramaret has dedicated itself to shaping, machining and polishing hard materials. Founded during the industrialization of the watchmaking industry, Ceramaret has been successful in opening itself up to new technologies thanks to a visionary development strategy.

The expertise of our employees and state-of-the-art production facilities are key elements in meeting our clients' needs. Our ISO certifications (9001: 2015, ISO 14001: 2015, OHSAS 18001: 2007 and ISO 13485: 2012), coupled with our continuous improvement policy guarantee our success.

CONTACT US

