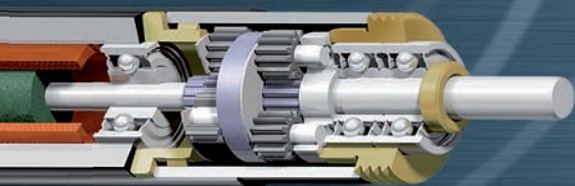


maxon medical

When it's about reliability.

High-precision drive solutions for medical technology.

$$f(x) = \frac{1}{\sqrt{2\pi}} e^{-\frac{1}{2}x^2}$$



maxon motor

driven by precision

So you get no surprises.

Our drives are ISO 13485 certified.

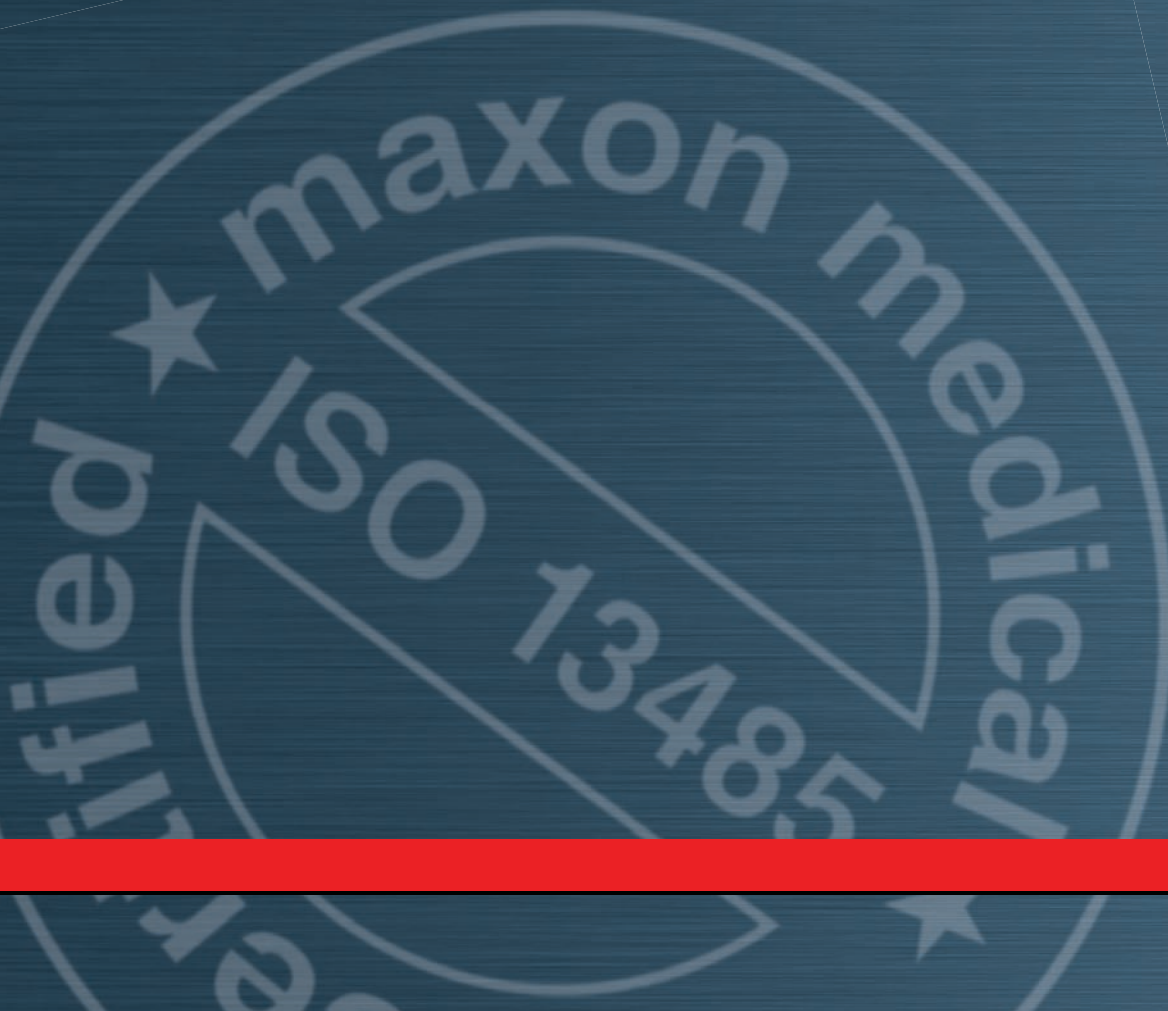
maxon medical offers high precision drive systems for the medical technology market. Apart from a standard product range, based on a modular system, maxon medical works together with customers in developing customized drive solutions and mechatronical components.

The company strictly complies with the quality and service demands of the medical industry. Meeting the latest standards and international norms is an essential part of all our business processes, which we continually improve upon.

Since 2008 maxon medical has the medical norm ISO 13485 certification.

The ISO 13485 certification confirms that maxon medical meets the fundamental requirements of the medical technology sector. All processes and procedures are documented to guarantee traceability, as safety and reliability for the use of drives are top priorities for maxon medical.

maxon has a tradition of quality. As early as 1988 we qualified for ISO 9001. Since June 2006, the environmental standard ISO 14001 has been firmly embedded in all of our daily business tasks and policy-related decisions.



Our drives have been proven for more than 40 years.

maxon medical is a business division of maxon motor. When it really matters, numerous companies in varying industrial fields rely on maxon quality; and this since 1961. Today the drive specialist employs over 1600 people worldwide.

Wherever maximum power is needed in the smallest spaces, maxon medical's precision motors are employed. We serve a variety of specialized markets within the medical industry, such as diagnostics, therapy, surgery, prosthetics, laboratory technology, dental technology and pharmacy.

You'll find our drive solutions in such medical devices as:

- Insulin pumps
- Prostheses
- Incubators
- Ophthalmological surgical devices
- Surgical microscopes
- Radiation equipment
- Precision liquid handling systems
- Respiratory care devices
- Surgical robots

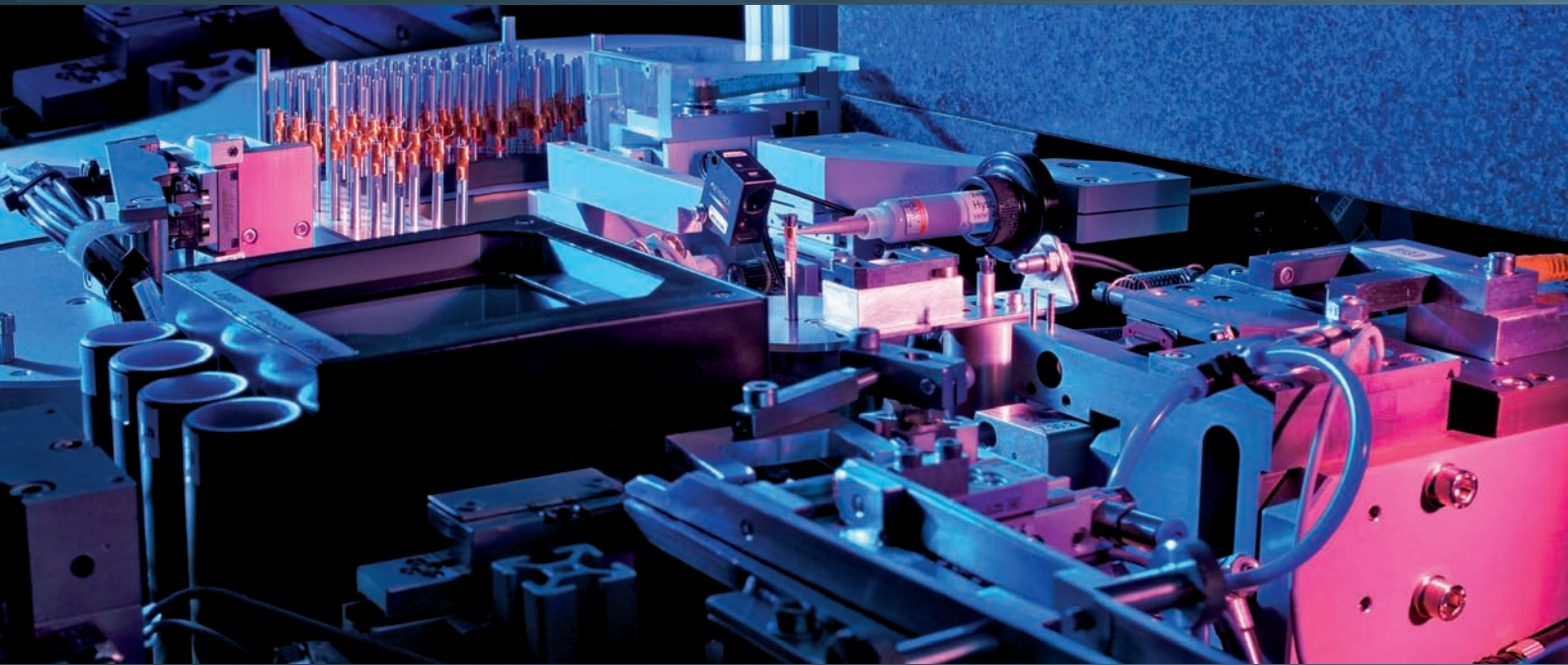


maxon motor

driven by precision

With a solid foundation one can concentrate on the essentials.

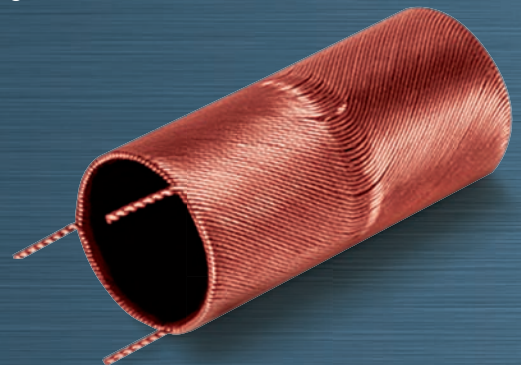
maxon medical relies on the maxon group's proved and tested technologies.



The maxon technology.

Smaller – more powerful – more reliable – more intelligent. Today's trends in medical industry correspond with those in drive technology. When developing new drive systems maxon medical counts on the tried and tested maxon know-how.

The ironless rotor and self-supporting copper coil is the "heart" of the maxon cylindrical DC motor. Brushed and brushless DC motors with ironless rotors are reliable, longer-lasting and, thanks to their 90%-plus efficiency, have exceptionally high-performance. The end results are superior acceleration, long service life and reduced energy consumption.



Because we know the details we can be flexible.

The technological competencies of maxon medical are multi-faceted and extend to, among other things:

- Various winding techniques
- Standard and customized gearhead design
- Customer-specific mechatronical modules
- Encoder technology
- Electronics and system engineering
- Injection molding for plastic, metal and ceramic powder including micro-injection molding technology
- Assembly and automation technologies
- Drive-specific test equipment technology

maxon medical has a high vertical integration and a well developed network of suppliers. The resulting flexibility supports the efficient implementation of specific demands and requirements. Prototypes are assembled in the in-house sample shop.

maxon medical produces drive systems and modules under cleanroom conditions. Established techniques for risk assessment during product design and series production form the basis for the manufacture of qualitative high-standing and reliable products. Our resources are qualified, our processes are validated.



maxon motor

driven by precision

Smallest dimensions, largest performance.

Like the larger maxon drives, maxon medical's micro drives have a modular concept: Motor, gearhead and electronics are combined in one system.

maxon DC motor

Direct current motors with ironless rotor and high-performance permanent magnets.

maxon EC motor

Brushless DC motors offering maximum service life and autoclavable versions.

maxon flat motor

Brushless outer rotor motors or disc type motors in a flat design.

maxon motor control

Control electronics for DC and EC motors, positioning control units and speed control units.

maxon sensor

High-resolution digital encoders and feedback devices.

maxon gear

Customized special gears as well as standard spur and planetary gearheads.





So that we can advise you personally.

maxon medical has a global network.

maxon motor sales engineers work with customers around the world on customized drive solutions. maxon medical also uses this global network: 12 maxon sales companies and 20 authorized distributors provide professional customer service on location.

Find the maxon motor representative in your area at: www.maxonmedical.com

maxon motor

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Headquarters

maxon motor ag

maxon medical

Brünigstrasse 220

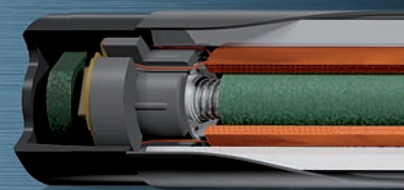
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