# The ultra-fast brushless DC motor

## The new ECX motors are fast, sterilizable and configurable.

**maxon motor launches new high-speed motors that are configurable online. The new ECX brushless motors are quiet and feature very high efficiency. These brushless drives are ideal for use in hand-held surgical tools and industrial spindles.**

With a few clicks of your mouse you can configure your drive online and place your order. With maxon motor's configurator, it is easy to put together a customized DC motor – including gearhead, encoder and controller, to your specifications. Now, in addition to the brushed motors, you can also configure these three new high speed brushless micro motors.

The ECX motors are available with diameters of 8, 16 and 19 mm achieving speeds of up to 120,000 rpm. They run very smoothly and are highly efficient. They are available with different power stages and in standard or sterilizable versions (up to 2000 autoclave cycles).

### Ready in 11 Days

All three high-speed motors are now available in maxon's online shop, where customizing the drives is easy. This means that customers can fit the drives with specific mechanical and electrical components specific to their application needs. For example, with the ECX 8 mm, the GPX planetary gearheads and ENX 8 encoders are available. It is also possible to customize the shaft lengths, winding types, ball bearings and much more.

Lean, automated processes ensure that all configurable drives are ready for shipment within 11 working days.

**More configurable models coming soon.**

maxon motor is working on expanding the X drives program and in the Spring of 2016 more options will be added. The new expansion will include the brushless ECX 22 DC motor – available with two power stage options and as a sterilizable version.

You can find performance data and more information on the new high-speed ECX motors at: ecx.maxonmotor.com

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*The new brushless ECX motors by maxon provide high speeds and are available in several versions. © maxon motor ag*

*The ECX 16 with pin connections. © maxon motor ag*



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