

First ECX DC motor delivered in Australia.

The first of maxon motor's new line of high speed brushless DC motors was delivered to an Australian university this week.

As an expansion of the new range of DC motors that are customised online using a special web tool, maxon motor have released a series of high speed brushless motors that can be configured on the same platform. The motor pictured is capable of 60,000rpm and 216W from a 22mm diameter and 60mm length. The quality of the construction can be clearly viewed, however it is on test that the design shows its capabilities with extremely low noise at very high speeds. Power density is also very high on the motor with the mass at only 140g. In many applications such as specialised hand tools, industrial robotics, electronics manufacturing and fluid control, high power densities are only achieved in the correct form factor with high speed brushless motors and controllers. The high speeds have traditionally made it difficult to get 'useable' levels because power transmission devices such as planetary gearheads have not been able to accept the high speeds at their input. This is why maxon engineers have developed a new gearhead with up to 50,000rpm possible at the input. The new designs now mean converting the high speeds into high torques is now possible in an even smaller package.

Contact maxon motor Australia for further information or assistance. Ph: +61 2 9457 7477.

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The media release is available on the internet at: www.maxonmotor.com.au



*ECX 22mm high
speed brushless DC
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