Sterilisable 30mm brushless DC motor for surgical hand tools.

This 30mm diameter 4 pole brushless DC motor can be sterilised up to 2000 times and delivers over 100mNm of continuous torque and up to 25,000rpm.

maxon motor has released a new high speed brushless DC motor suitable for surgical tools. All stainless steel construction, specialist seals and up to 2000 autoclave cycles. Its rotor is hermetically sealed making it suitable for orthopedic drills, saws and surgical reamers. The motor is constructed with a coreless rhombic maxon winding that achieves an 88% efficiency. The coreless motor design also gives a linear torque to current constant making short term high torque requirements easy to manage without thermal overload.

Contact maxon motor Australia on: +61 2 9457 7477.

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