

New patented technology from maxon motor coming soon.

Maxon motor have developed a patented sensorless speed and torque control solution for custom OEM customer solutions.

Available on request, maxon motor are pleased to introduce a patented High Performance Sensorless Control (HPSC) technology. HPSC is not a standard offering, it's a platform, including hardware + customised firmware for applications that require tailor-made solutions.

The key features of this new technology include precise inductive rotor position detection, the ability to operate from standstill to full speed under load, no start-up jolt, field oriented control including smooth running without vibration, precise torque control & low noise. maxon can provide complete solutions including compact wiring and slim design, an increase in robustness and reliability compared with some standard systems, a reduction of total costs is possible with reduced wiring, connectors and components. The technology features increased immunity to electromagnetic interference (EMI) and maximum output power at lower generated temperatures. This technology is useful for hand-held power tools in the medical industry.

If you would like to know more about maxon's ability to provide technological solutions for tailor-made applications please contact maxon motor Australia tel. +61 2 9457 7477.

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



Figure 1: HPSC demo unit with dental motor

*HPSC demo unit
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Figure 2: Motor collection and hand tool

maxon motor Australia Pty Ltd

Unit 1, 12-14 Beaumont Road

Mt Kuring-Gai NSW 2080

Tel: +61 2 9457 7477

Fax: +61 2 9457 8366

info.au@maxonmotor.com

www.maxonmotor.com.au

Twitter [@maxonmotoraust](https://twitter.com/maxonmotoraust)