

Deakin University unveils a ground-breaking surgical robot that uses maxon DC motors and controllers.

When performing microsurgery using the HeroSurg robot, surgeons have an added sense of touch. Fitted with two maxon motors, the DC RE25 & EC-max, and EPOS controllers.

Sat behind a computer or even thousands of kilometres away, using the HeroSurg robot a surgeon is able to operate with specific precision and a new sense of “touch”. Through the use of ground-breaking technology the HeroSurg gives Surgeons a “feel” for the tissue they are working on. Primarily used for laparoscopic and keyhole surgery, this means less aggravation on healthy tissue leading to improved healing time, less blood loss & risk of infection and a shorter stay in hospital. The patient’s overall healing time is generally lessened too.

The HeroSurg is fitted with maxon RE25 and EC-max22 motors. The RE25 DC motor is high-quality, both compact and powerful, equipped with powerful permanent magnets. The centerpiece of the motor is the ironless rotor. The EC-max is a robust, brushless DC motor with speeds up to 20,000 rpm.

For more information please visit Deakin University website or contact maxon motor Tel +61 2 9457 7477.

Length of this press release: 195 words

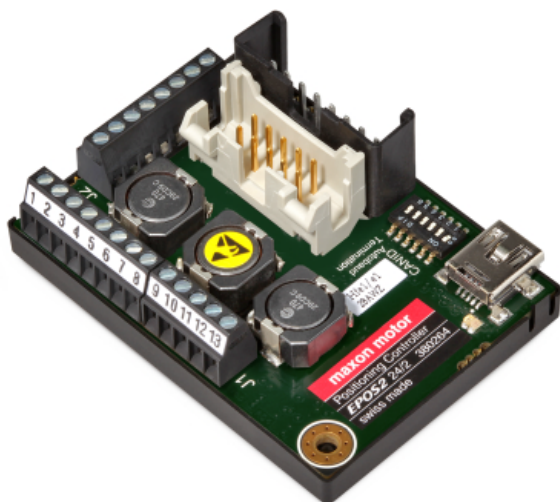
The media release is available on the internet at: www.maxonmotor.com.au



*The HeroSurg Robot
© Deakin University*



Maxon's EC-max motor and below the RE25 DC motor featured in the HeroSurg robot © maxon motor



The EPOS2 positioning controller © maxon motor

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)

