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Press Release

Protection against contamination: breathing clean air.

Maxon DC motors are used in the blower components of high-quality protection suits.

Protection suits containing an air blower element that fills the entire suit with clean air, have been used by health professionals when faced with contaminated environments. The COVID-19 pandemic is an unprecedented situation where these type of suits have been utilised. maxon DC brushless motors are found inside these specialised suits. The DC motor is efficient, high-speed and robust. maxon was selected for the compact and lightweight DC motor design, ironless winding, strong magnet and producing very little vibration and noise output. Most importantly, a brushless DC motor was mandatory as a brushed motor may cause sparks that would ignite within the suit. When designing the suit, special attention was given to the placement of the blower unit sewn inside the ensemble, to avoid the need for heavy straps or air supply hoses. A Li-Ion battery provides more than four hours of operation of air supply with a flow up to 600ltrs per minute.

For more information please contact maxon motor Australia tel. +61 2 9457 7477.

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The press release is available on the internet at: www.maxongroup.net.au



The brushless EC 22 DC motor is high speed with smooth operation. The ironless winding prevents stutter
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The Swiss specialist for quality drives

maxon is a developer and manufacturer of brushed and brushless DC motors, as well as gearheads, encoders, controllers, and entire mechatronic systems. maxon drives are used wherever the requirements are particularly high: in NASA's Mars rovers, in surgical power tools, in humanoid robots and in precision industrial applications, for example. To maintain its leadership in this demanding market, the company invests a considerable share of its annual revenue in research and development. Worldwide, maxon has more than 3000 employees at nine production sites and is represented by sales companies in more than 30 countries.