

New 12ECP48 Ultra EC Motor Delivers Cost-Efficient Premium Performance

3rd August 2022

Portescap, a global supplier and manufacturer of miniature motion solutions, has introduced the 12ECP48 Ultra EC™, the latest addition to their Ultra EC platform. As with Portescap's existing ECP motors, this BLDC motor is ultra cost-optimized and does not compromise on premium performance.

The 12ECP48 features a twelve-millimeter diameter and an Ultra EC winding, delivers speeds up to 60,000 rpm, and at thirty grams, is almost ten percent lighter than existing motors of a similar size. Providing up to 8.1 mNm maximum continuous torque, the motor's R13 gearbox compatibility also makes it an ideal combination for applications requiring torque up to 0.5Nm

The motor is well-suited for battery-powered hand tools in the medical and industrial markets, including robotic pipetting, electric grippers, miniature pumps, and biopsy and podiatry hand tools. The 12ECP48 is also an excellent choice for those looking to migrate from brush DC to brushless DC technologies for longer lifetimes and for companies shifting from manual to powered devices for improved productivity and accuracy.

Image captions:



Image 1: New 12ECP48 Ultra EC Motor Delivers Cost-Efficient Premium Performance

The image(s) distributed with this press release are for Editorial use only and are subject to copyright. The image(s) may only be used to accompany the press release mentioned here, no other use is permitted.

About Portescap

Portescap offers the broadest miniature and specialty motor products in the industry, encompassing coreless brush DC, brushless DC, stepper can stack, gearheads, digital linear actuators, and disc magnet technologies. Portescap products have been serving diverse motion control needs in wide spectrum of medical and industrial applications, lifescience, instrumentation, automation, aerospace and commercial applications, for more than 70 years.

For more information, visit www.portescap.com

Press contact:**Portescap**

Nicole Monaco

Global Marketing Manager

Tel.: +1 404.877.2534

sales.europe@portescap.com**PR agency:****DMA Europa****Brittany Kennan**

Progress House, Great Western Avenue, Worcester,

WR5 1AQ, UK

Tel.: +44 (0) 1905 917477

brittany@dmaeuropa.comwww.dmaeuropa.com