

Portescap Launches Compact, Energy-Efficient Brushless DC Motor for High-Speed Applications

Portescap, a leading global manufacturer of miniature and specialty motors, has added the 16ECS high-speed brushless motor to its Ultra EC™ mini brushless DC motor platform. These compact 16-millimeter motors are available in 36- and 52-mm lengths and provide high power while running at speeds of 75,000 rpm.

The 16ECS is comprised of an enhanced magnetic circuit that reduces iron and recirculation losses which can cause motor stator heating at high speeds. The heart of the motor — the proprietary Ultra EC coil — provides higher torque and mechanical power compared to similar motors.

This highly efficient new motor offers cooler operation at high speeds, enhanced battery capacity and longer service life. Applications will run longer between charging cycles and the size of required batteries can be reduced, making mobile devices using the 16ECS smaller and lighter.

Designed for battery-driven applications running at high speeds or requiring high power, the 16ECS is ideally suited for medical atherectomy devices, dental drills, cosmetic devices and lab automation equipment.

For more information, please visit www.portescap.com

About [Portescap](http://www.portescap.com)

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. Our products have served diverse motion control needs in a wide spectrum of applications including medical, life science, instrumentation, automation, aerospace and commercial for more than 70 years.

Portescap has manufacturing centers in the United States, St. Kitts and India, and utilizes a global product development network with research and development centers in the United States, China, India and Switzerland.