

Marketing contact:
 Debora Setters
 National Marketing Manager
 101 Waldron Road
 Fall River, MA 02720
 P: 508-677-0520
 E: dsetters@maxonmotorusa.com



For Immediate Release

Compact underwater DC drives

High precision drives specialist, maxon motor introduces high-end solutions for underwater applications.

Today's modern technology must be equipped to withstand extremely harsh conditions found deep in the ocean. These conditions often include high pressure and high oxidation levels. maxon motor as a world leader in drive systems has worked closely with research institutes and universities to provide solutions that meet the many demanding challenges for electrical and mechanical components required for underwater systems.

Electrical actuated underwater vehicles like ROVs (Remote Operated Vehicles) and AUVs (Autonomous Unmanned Vehicles) require drives which are light weight, highly efficient and compact design. maxon's program of aquatic solutions offer these features and much more. The thrusters and actuators are oil filled and range in size from 16 to 42 mm diameter. The core element is a motor-gear combination based on a brushless DC-motor and a planetary gearhead. These underwater drives are designed with a high quality polymer housing to ensure protection against the harsh underwater elements.

maxon's MT-30 thruster is pressure tolerant up to 6,000 meters with oil compensation. The propeller is modified for low noise operation. Other features include: output power of 180W, Voltage of 48 and weighs slightly under 2 lbs.

For more information, contact us at: aquaticsolutions@maxonmotor.com