



UV - UNMANNED VEHICLES

ECA develops sampler system for ROVs

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ECA Group has developed a 1000m depth rated core sampler recovery system for light duty ROVs, the company announced on 6 June.

The system, mounted on a compact skid, features a lightweight five function electric manipulator arm and a six compartment telescopic receiver protected under a polycarbonate cover, and buoyancy blocks.

The ROV is equipped with a seven function telemetry unit which, beyond the arm control, has two spare functions dedicated to the compartment drawer extension and withdrawal movements.

The solution has been designed to be used by research institutes and underwater inspection service providers to perform operations in the field of oceanography, hydrography and aquaculture. The system offers support to carry out tasks such as sediment recovery, coral sampling, flora and fauna sample recovery and small objects recovery.