Mako Offshore



The RCU (Remote Control Unit) is an intelligent subsea control system comprising a surface laptop and a subsea controller card, connected via RS-232 or RS-485. It provides precise control and monitoring of hydraulic systems and includes advanced telemetry features for subsea torque tools or valve packs. The surface computer displays and logs real-time data for pressure, turns, RPM, oil temperature, and torque, with alarm limits and logging functionality. The unit supports optional analogue and digital I/O for system integration.

Key Features

- Intelligent subsea valve pack
- Adjustable pressure and flow control
- RS-232 or RS-485 communication interface
- Real-time monitoring and data logging
- Supports torque, RPM, oil temp, and pressure sensors
- Optional digital/analogue I/O

Technical Specifications

Specification	Value
Depth Rating	3,000 msw
Dimensions	46 x 29 x 23 cm
Weight (Air/Water)	30 kg / 17 kg
Communication Interface	RS-232 or RS-485
Power Supply	110 VAC or 230 VAC

Valve Configuration

Valve Type	Quantity / Flow Range
Proportional Flow Valve	1 × 0–100 litres
Proportional Flow Valve	1 × 0–36 litres
Proportional Flow Valve	2 × 0–5 litres
Independent Pressure Controllers	2 off
Pressure Reducing Valve	Included

Dimensions

Transport and Packaging

Item	Detail
Transport Case	800 × 600 × 400 mm (L×W×H)
Total Weight	55 kg