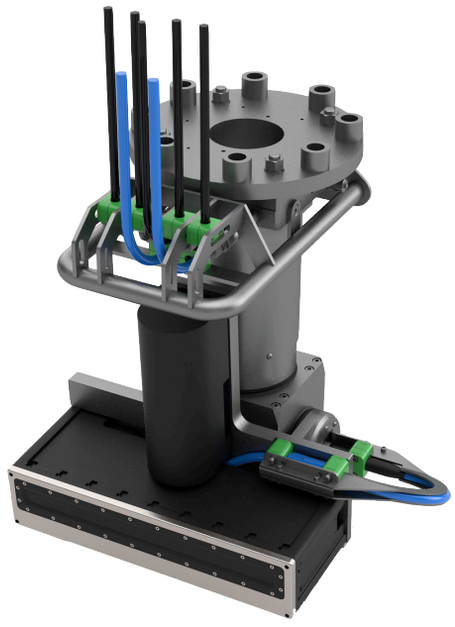
TECHNICAL DATA SHEET
HYDRAULIC PAN-TILT ROTATOR

PRODUCT NAME
Hydraulic Pan-Tilt

PRODUCT CODE
PT-1000

CATEGORY
Subsea Survey



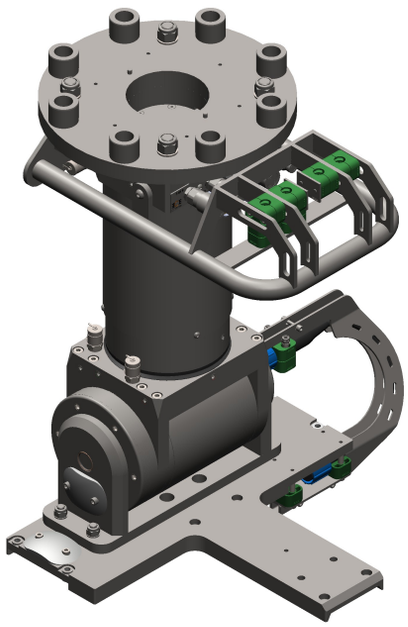
BUILT FOR THE EXTREME
DRIVEN BY PRECISION

ECE Offshore's in-house designed and fabricated hydraulic pan-tilt rotators are designed to support heavy equipment in harsh offshore environments.

The robust design is capable of driving heavy sensory equipment in dynamic wave and current environments. The integrated slipring for power and data mitigate cable fatigue.

Operated via a mobile control unit, equipped with a combined hydraulic power pack and control system, it offers unparalleled versatility.

TECHNICAL DATA SHEET
HYDRAULIC PAN-TILT ROTATOR



PERFORMANCE	
Drive Torque	340 NM
Peak Torque	1200 NM
Output Speed	0.5 - 100 degrees/s
End Stops	Mechanical & Software
Angular Range Pan	-180 to 180 degrees
Angular Range Tilt	-90 to 90 degrees

ELECTRICAL	
Sensor Power	5 VDC
Software	GUI PT Control App incl. Platforms Browser, Windows (8/10/11), Linux(Debian), Mac OSX
Position Feedback	19-bit, ±0.001°
Feed Through Connector	Power: 8A 600V AC Data: 1000Mbit

MECHANICAL	
Height (incl. sensors)	676.35 (1200.4)mm
Rotational DIA:	760mm
Weight	115kg
Housing Material	Stainless Steel 316L
Connector	MacArtney D/BCR2013
Pressure Compensation	Positive Pressure Compensator

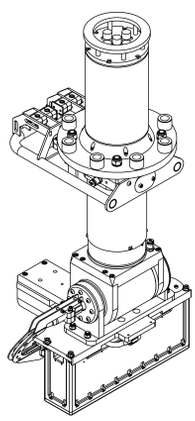
ENVIRONMENTAL	
Depth Rating	3000m

KEY FEATURES

- Operate under harsh offshore conditions
- Hydraulic operation
- Direct control, go-to angle & operating modes
- Low-latency remote & local operation
- Increased coverage for bathymetry surveys
- Heading compensation for survey lines
- Close MBES synchronization through OASYS

OPTIONS

- OASYS Cable Software
- Pan-Only variant (PT-1000-PO)



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