

10 ft lb. Torque and RS 485 Control

The Accu-positioner is an Oceanographic Pan & Tilt positioner featuring a reliable and rugged design and computer-controlled accuracy to +/- 0.1°. It features a 6000 meter depth rating and operates with 24-28 VDC power.



Payload	Dependent on geometry
Torque	10 ft lb.
Accuracy	+/- 0.1° (6 arc minutes)
Gear Backlash	0
Scan Range	Continuous rotation or user limits
Rotation Speed	0.4 – 24 deg/sec
Power	24 – 28 VDC (1.7 amps)
Control/GUI	RS-485 (half duplex) / Visca(EOS) or Helios – CUSTOMER MUST SPECIFY
Networkability	Up to 8 RS-485 nodes per bus, unlimited busses
Motors	Stepper
Brackets	Yoke and mounting plate available – must specify
Depth rating	6000 meters (oil filled) 70 meters (air filled)
Material	Aluminum 6061 housing, 17.4 PH Shaft
Height	9.5 in (241 mm) without brackets
Width	7.4 in (188 mm)
Body diameter	3.9 in (99 mm)
Weight in air	Air filled: 6.6 lb (3.0 kg) Oil filled: 7.7 lb (3.5 kg)
Weight in water	Air filled: 3.1 lb (1.4 kg) Oil filled: 4.2 lb (1.9 kg)
Operating temp	-4° to 140° F (-20° to 60° C)
Connectors	Various – contact sales



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