



P100 Pan and Tilt Positioner

The P100 is an Oceanographic P & T positioner featuring a reliable and rugged design, 6,000 meter depth rating, 45 ft-lbs torque output, 24 VDC power, RS-485 control, Aluminum or Titanium housing and an optional zinc anode. The P100 has a 2-year warranty and various connector options.

Payload	100 lbs (45 kg)
Torque	45 ft-lbs (61 N-m)
Accuracy	+/- 1.5° (90 arc minutes)
Scan Range	0 – 360° (both axes)
Rotation Speed	0.5 – 10° / sec
Power	24VDC @ 1.8 Amps
Control	RS-485 (half duplex)
Networkability	up to 32 RS-485 nodes
Motors	Brushless electric
Depth rating	Air filled: 30 meters (98'), Oil filled: 6,000 meters (19,680')
Housing material	Aluminum or Titanium
Cathode protection	Zinc Anode (optional)
Size	12.1"H x 7.9" (air)/10.4"(oil)W x 4.2"D
Weight	Air: 19.2 lbs (air), 21.5 lbs (oil); Water: 10.2 lbs (air), 12.5 lbs (oil)
Operating temp	up to 122° F (50° C); storage: -4° to 140° F (-20 to 60°C)
Connectors	Subconn MCBH-5-MP (standard)



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