

PT25 - Ti Titanium Robust Positioner SPECIFICATIONS



PT25 Titanium Pan and Tilt Positioner

The PT25 is an Oceanographic Pan & Tilt positioner featuring a reliable and rugged design, corrosion resistant, 6,000 meter depth rating, 30 or 45 ft-lbs torque output, 120 VAC or 24 VDC power, with a Titanium housing, and Titanium connector. The PT25 has a 1-year warranty.

	AC Power	DC Power
Payload	100 lbs (45 kg)	100 lbs (45 kg)
Torque	30 ft-lbs (40 N-m)	45 ft-lbs (61 N-m)
Accuracy	+/- 1.5° (90 arc minutes)	+/- 1.5° (90 arc minutes)
Scan Range	360° continuous	0 – 360° (both axes)
Rotation Speed	5.4° / sec	0.5-10° / sec
Power	120 VAC 50/60 Hz @ 0.5 Amps per axis	24-30 VDC @ 1.7 Amps per axis
Control	AC: Optional ROS controller available	RS-485 (half duplex)
Motors	Brushless stepper	Brushless stepper
Depth rating	Oil filled: 6,000 meters	Oil filled: 6,000 meters
Housing material	Titanium	Titanium
Size	Air: 11.25”H x 7.85”W Oil: 11.25”H x 9.55”W	Air: 11.25”H x 7.85”W Oil: 11.25”H x 9.55”W
Weight	Air: 19.2 lbs (air), 21.5 lbs (oil) Water: 10.2 lbs (air), 12.5 lbs (oil)	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)	up to 122° F (50° C) Storage: -4° to 140° F (-20 to 60°C)
Connectors	Titanium	Titanium



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Specifications subject to change without notice