



PT-10 Pan & Tilt Positioner

The PT-10 is an oceanographic or nuclear pan and tilt featuring a reliable and rugged design, 3,000 meter depth rating, 10lb-ft torque output, 120 VAC or 24-28 VDC power, RS-485 or analog control, 316 stainless steel housings for corrosion resistance. The PT-10 has a 1-year warranty and various connector options.

Payload	Typical 10 lbs. – depends on geometry
Torque	10 lb.-ft (13.56 N-m)
Accuracy	+/- 1.5° (90 arc minutes)
Gear Backlash	0.6° (36 arc minutes)
Scan Range	0 to 360° (both axes)
Rotation Speed	DC 0 - 20°/ sec; AC 6°/sec @ 60Hz
Power	AC: 120 VAC (0.14 amps); DC:24-28 VDC (1.5 amps)
Control	RS-485 (half duplex)
Networkability	up to 32 RS-485 nodes
Motors	brushless electric
Depth rating	oil filled: 3,000 meters, air filled: 30 meters
Housing material	316 stainless steel
Size	9.30”H x 7.5” W x 3.0”D
Weight	in air: 10.5 lb (air), 11.7 lb (oil); water: 6.5 lbs. (air), 7.7 lbs. (oil)
Operating temp	up to 122° F (50° C); storage: -4° to 140° F (-20 to 60°C)
Connectors	various connectors available



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