



### 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, and aluminum or stainless steel housings. The PT-10 has a 1-year warranty and various connector options.

<b>Payload</b>	Typical 10 lbs. – depends on geometry
<b>Torque</b>	10 lb.-ft (13.56 N-m)
<b>Accuracy</b>	+/- 1.5° (90 arc minutes)
<b>Gear Backlash</b>	0.6° (36 arc minutes)
<b>Scan Range</b>	0 to 360° (both axes)
<b>Rotation Speed</b>	DC 0 - 20°/ sec; AC 6°/sec @ 60Hz
<b>Power</b>	AC: 120 VAC (0.14 amps); DC:24-28 VDC (1.5 amps)
<b>Control</b>	RS-485 (half duplex)
<b>Networkability</b>	up to 32 RS-485 nodes
<b>Motors</b>	brushless electric
<b>Depth rating</b>	oil filled: 3,000 meters, air filled: 30 meters
<b>Housing material</b>	anodized aluminum or stainless steel
<b>Size</b>	9.3”H x 7.5” W x 3.0”D (Air) 9.3”H x 8.9”W x 3.0” D (Oil)
<b>Weight</b>	in air: 8.8 lb (air), 9.6 lb (oil); water: 5.0 lbs. (air), 5.8 lbs. (oil)
<b>Operating temp</b>	up to 122° F (50° C); storage: -4° to 140° F (-20 to 60°C)
<b>Connectors</b>	various connectors available