



P20 Pan and Tilt Positioner

The P20 is an Oceanographic or Nuclear Pan & Tilt positioner featuring a reliable and rugged design, 6,000 meter depth rating, 10 lb-ft torque output, 120 VAC or 24 VDC power, RS-485 control, Aluminum, Stainless or Titanium housings and an optional zinc anode. The P20 has a 1-year warranty and various connector options.

Payload	20 lbs (9 kg)
Torque	10 lb/ft (13.5 N-m)
Gear Backlash	0° (36 arc minutes)
Accuracy	+/- 1.5° (90 arc minutes)
Scan Range	0 – 360° (both axes)
Rotation Speed	20° / sec (both axes)
Power	AC: 120 VAC (0.14 amps) or DC:24-28 VDC (1.7 amps)
Control	RS-485 (half duplex)
Networkability	Up to 32 RS-485 nodes
Motors	Brushless electric
Brackets (optional)	Yoke and mounting plate – must specify these are needed
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	10.42"H x 8.10"(air)/9.76"(oil)W x 3.0"D
Weight	Air: 10.0 lb (air), 11.8 lb (oil); Water: 6.1 lb (air), 7.4 lb (oil)
Operating temp	up to 122° F (50° C); storage: -4° to 140° F (-20 to 60°C)
Connectors	Various connector available



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