

	Palmer	Palmer	Rototherm	Rototherm	Maximator	DeWitt	DeWitt	DeWitt	DeWitt	TechCal	Stiko	Stiko	Barton	
Model	Aluminum Case Models	Pelican® Case Models	RPO	Clearscan		48855	489255	487055	4828		RPX	202E		
Available Case Sizes	8 in. 12 in.	8 in. 12 in.	9 in. and 12 in.	12 in.	8 in. (277mm x 277mm with handle and feet)	8" (277mm x 277mm)	6" (204mm x 222mm)	12" (350mm x 450mm)	8" (260mm Round Housing)	8" and 12"	9" and 12"	9" and 12"	12"	
Case Material	Heavy Die Cast Aluminum	Pelican® Brand Case. Black, Silver, Orange, Yellow, OD Green, and Tan available.	Glass filled polyester resin	Zinc coated Steel, Finished in Epoxy Powder Paint	316 Stainless Steel	Stainless Steel AISI 316	Stainless Steel AISI 316	Stainless Steel AISI 316	Light metal, Blue Finish	Pelican Brand Case	AISI316L Stainless Steel	Peli Brand Case	Powder coated die cast Aluminum	
Case Protection Rating	IP55	IP67 (Solid Door Models Only). IP65 for Models with window.	IP55		Weatherproof and Corrosion Resistant	Weatherproof and Corrosion Resistant	Weatherproof	Weatherproof	Weatherproof	IP57, IP66 or IP67	Models with Spring Wound clocks are ATEX with Safety Glass Window and Blow Out option. Gas: II 2Gc and Dust: II 2Dc. 12 inch cases are IP65	IP67		
Window Materials	Glass or Plexiglass		Acrylic	Acrylic	Laminated Safety Glass	Laminated Safety Glass	Laminated Safety Glass	Laminated Safety Glass. Scratchproof, 3mm uniform thickness	Weatherproof	IP57, IP66 or IP67		Plexiglass	Glass, Lexan, or Steel	
Available Mounting Styles	Wall, Pedestal, Flush, Portable, or Pipestand	Wall, Portable, or Pipestand	Surface, Panel, Pipe, or Portable	Surface, Panel, Portable, or Pipe	Surface, Panel, or Portable	Surface, Panel, or Portable	Surface, Panel, or Portable	Surface, Panel, Portable, or Yoke	Surface, Panel, or Portable	Panel, Pipe, Stand, or Portable	Panel, Surface, or Portable	Portable	Pipe, Wall, Flush Panel, Portable, or Shock Mount	
Weight	8 inch 1 Pen: 4.63 kg (10.2 lbs) 2 Pen: 5.17 kg (11.4 lbs) 3 Pen: 5.67 kg (12.5 lbs)	12 inch 6.71 kg (14.8 lbs) 6.99 kg (15.4 lbs) 7.48 kg (16.5 lbs)	Empty Case Weight: Approx. 2.5 kg (5.5 lbs) Three Pen: 7.9 kg (17.5 lbs) Portable single pen: 8.6 kg (19 lbs)	Empty Case Weight: Approx. 3.7 kg (8.29 lbs)								9" Model: 14.1 pounds 12" Model: 23.4 pounds	9" Model: 14.1 pounds 12" Model: 23.4 pounds	59 to 71 lbs.
Chart Drive Options	PC-11 Multi Speed Battery Driven Clock. PC-12 Multi Speed Battery Driven Clock. Mechanical Spring Wound (24 Hour, 48 Hour, 7 Day, or 31 Day), 120V Electrical, or 220V Electrical	PC-11 Multi Speed Battery Driven Clock. PC-12 Multi Speed Battery Driven Clock. Mechanical Spring Wound (24 Hours or 7 Days. 15 Minute and 1 hour available.)	Synchronous Electric, Battery, or Mechanical Spring Wound (24 Hour or 7 Day)	Mains powered, mains powered with battery back-up, mechanical spring-wound, and battery operated.	Mechanical Spring Wound Clock (24 Hour) Standard. Spring Wound Clock in 1 hour, 4 hours, 8 hours, 12 hours, or 7 days clockwise rotation available. Optional counterclockwise rotation. Switchable clockworks 1 hour / 15 minutes, 1 hour / 4 hours, 2 hours / 8 hours, 24 hours / 7 days (clockwise). Multiprogrammable battery operated chart drive available (counterclockwise).	Mechanical Spring Wound Clock (24 Hour) Standard. Mechanical spring wound clock with single revolution time of 1 hour, 4 hours, 8 hours, 12 hours, or 7 days clockwise rotation. Counterclockwise rotation available. Switchable clockworks 1 hour / 15 minutes, 1 hour / 4 hours, 2 hours / 8 hours, 24 hours / 7 days (clockwise). Multiprogrammable battery-operated chart drive (counterclockwise) available.	Mechanical Spring Wound Clock (24 Hour) Standard. Mechanical spring wound clock with single revolution time of 1 hour, 4 hours, 8 hours, 12 hours, or 7 days clockwise rotation. Counterclockwise rotation available. Switchable clockworks 1 hour / 15 minutes, 1 hour / 4 hours, 2 hours / 8 hours, 24 hours / 7 days (clockwise). Multiprogrammable battery-operated chart drive (counterclockwise) available.	Mechanical Spring Wound Clock (24 Hour) Standard. Mechanical spring wound clock with single revolution time of 1 hour, 4 hours, 8 hours, 12 hours, or 7 days clockwise rotation. Counterclockwise rotation available. Switchable clockworks 1 hour / 15 minutes, 1 hour / 4 hours, 2 hours / 8 hours, 24 hours / 7 days (clockwise). Multiprogrammable battery-operated chart drive (counterclockwise) available.	Mechanical Spring Wound Clock (24 Hour) Standard. Mechanical spring wound clock with single revolution time of 1 hour, 4 hours, 8 hours, 12 hours, or 7 days clockwise rotation. Counterclockwise rotation available. Electric Clock available.	Battery operated clock with rotations of 60 min, 96 min., 12 hours, 1 day, 2 days, 7 days, 8 days, 14 days, 16 days, 31 days, 48 days, and 32 days. Mechanical spring wound clock with single revolution time of 1 hour, 4 hours, 8 hours, 12 hours, or 7 days clockwise rotation. Counterclockwise rotation available. Electric Clock available.	Spring wound clock with rotations of 1 hour, 4 hours, 8 hours, and 12 hours. Switchable spring wound clocks with rotations of 1 hour/15 minutes, 2 hours/30 minutes, 1 hour/4 hours, 2 hours/8 hours, 8 hours/24 hours, 24 hours/7 days. Battery operated clock with 30 minutes, 60 minutes, 96 minutes, 1 hour, 2 hour, 4 hour, 8 hour, 12 hour, 1 day, 2 days, 3 days, 4 days, 7 days, 8 days, 14 days, 16 days, 31 days, or 32 days.	Spring wound clock with rotations of 1 hour, 4 hours, 8 hours, and 12 hours. Switchable spring wound clocks with rotations of 1 hour/15 minutes, 2 hours/30 minutes, 1 hour/4 hours, 2 hours/8 hours, 8 hours/24 hours, 24 hours/7 days. Battery operated clock with 30 minutes, 60 minutes, 96 minutes, 1 hour, 2 hour, 4 hour, 8 hour, 12 hour, 1 day, 2 days, 3 days, 4 days, 7 days, 8 days, 14 days, 16 days, 31 days, or 32 days.	Battery and Spring wound clocks with a variety of rotation speeds.	
Charts	8in. or 12in. With 6-3/8" Arc Line.	8in. or 12in. With 6-3/8" Arc Line.	Øs 240mm (9.5 in.) diameter. Standard dividing 40, 50, 60, 70, or 80 linear divisions.	12" Diameter charts. 24 hours or 7 days is standard. 100 Charts included with recorder.	220V 50Hz	1 or 2	1 or 2	1, 2, or 3	1		Ø223 mm for 280 x 280 mm, or Ø300 mm for 380 x 380 mm	Ø223 mm for 280 x 280 mm, or Ø300 mm for 380 x 380 mm	NULFO Wood-Free Paper charts, 12"	
Power Supply			200 to 250 volts, 50 Hz (60 Hz available), 100 to 110 volts, 50 Hz (60 Hz available)							Battery Operated	Battery Operated	Battery Operated	Battery Operated	
Number of Pens	1, 2, or 3	1, 2, or 3	1, 2, or 3	1, 2, or 3	1, 2, or 3	1, 2, or 3	1, 2, or 3	1, 2, or 3	1	1, 2, 3, or 4	1, 2, or 3	1, 2, or 3 pens	1, 2, or 4	
Pen Type	Felt Tip	Felt Tip	Disposable Fibre Tipped Pens	Disposable Fibre Tipped Pens	Felt Tip	Disposable Felt Tip	Disposable Felt Tip	Disposable Felt Tip	Disposable Felt Tip	Fine Point Felt Disposable Pens	Long-life fibre pens	Long-life fibre pens	Disposable Pens	
Pen Color(s)	Red, Blue, and Green Standard. Black optional.	Red, Blue, and Green Standard. Black optional.	Red, Blue, and Green	Red, Blue, and Green							Black, Red, or Blue	Black, Red, or Blue		
Pressure Measuring Element	316 Stainless Steel bellows, diaphragm, tubing, and fittings for ranges below 30 PSI with 1/4" NPT. 316 Stainless Steel helical wound bourdon coil with Stainless Steel fittings and tubing.	316 Stainless Steel bellows, diaphragm, tubing, and fittings for ranges below 30 PSI with 1/4" NPT. 316 Stainless Steel helical wound bourdon coil with Stainless Steel fittings and tubing.	Stainless Steel or Non-Ferrous Bourdon tube or pressure capsule	Bourdon Tube, Helical Coil, or Pressure capsule. In non-ferrous or stainless steel material as applicable. Monel to NACE standards available.						Helical 316 Stainless Steel Bourdon Tube	AISI316 Bourdon Tube, Brass and Nickel Plated	AISI316 Bourdon Tube, Brass and Nickel Plated	Helical Type Elements	
Pressure Connection	1/4" NPT Female Connection or 1/2" NPT Female Connection. Ranges above 10,000 PSI require a 9/16" 18 UNF high pressure female Autoclave style fitting.	1/4" NPT Female Connection or 1/2" NPT Female Connection. Ranges above 10,000 PSI require a 9/16" 18 UNF high pressure female Autoclave style fitting.	Standard 3/8" BSP male, with nut and tail pipe suitable for 6.35mm (1/4") outside diameter tube. Portable 3/8" BSP male, with nut and tail pipe suitable for 6.35mm (1/4") outside diameter tube or 3/8" inside diameter tube. Receiver Type 1/4" BSP female (input 3-15 psi or 0.2-1 bar).	1/4" NPT female top and bottom. 1/2" NPT available via suitable adaptors.	Back, 1/4" NPT or 1/4" HP Female	1/2" NPT or 1/2" BSP	1/2" NPT or 1/2" BSP	1/2" NPT or 1/2" BSP	1/2" NPT or 1/2" BSP	1/2" BSP or 1/2" NPT, AISI316L	1/2" BSP or 1/2" NPT, AISI316L	9/16"-18 UNF	1/4" NPT (for ranges up to 10,000 PSI), Anneco 9/16"-18 (1/4" ODT) female connection (for ranges greater than 10,000 PSI)	
Accuracy	Standard: ± 1/2 Chart Graduation; Optional: ± 1/4 chart graduation - Top Pen only, for ranges 30 to 10,000 PSI using the Standard Pressure Element only. (Factory setting only).	Standard: ± 1/2 Chart Graduation; Optional: ± 1/4 chart graduation - Top Pen only, for ranges 30 to 10,000 PSI using the Standard Pressure Element only. (Factory setting only).	± 1% FSD	± 1% FSD	± 1% of Full Scale (Accuracy Class 1.0)	± 1% of Full Scale (Accuracy Class 1.0)	Accuracy Class 1.0	Accuracy Class 1.0	Accuracy Class 1.0	± 0.5% of Span	± 1.0% of Full Scale (± % chart graduation) Class 1.0	± 1.0% of Full Scale (± % chart graduation) Class 1.0	± 1.0% of Full Scale	
Ambient Temperature			-20°C to +50°C	-20°C to +50°C						-10°F to 210°F	-20°C to 50°C	-20°C to 50°C	+40°F to 180°F (-40° C to 82° C)	
Pressure Ranges* Other ranges may be available; contact sales.	10" of water 0 to 15 PSI 0 to 30 PSI 0 to 50 PSI 0 to 60 PSI 0 to 100 PSI 0 to 150 PSI 0 to 200 PSI 0 to 250 PSI 0 to 300 PSI 0 to 300 PSI 0 to 200 PSI 0 to 400 PSI 0 to 500 PSI 0 to 600 PSI 0 to 750 psi 0 to 800 psi 0 to 1000 psi 0 to 1500 psi 0 to 2000 psi 0 to 2500 psi 0 to 3000 psi 0 to 4000 psi 0 to 5000 psi 0 to 6000 psi 0 to 7000 psi 0 to 8000 psi 0 to 10,000 psi 0 to 15,000 psi 0 to 20,000 psi 0 to 30,000 psi	10" of water 0 to 15 PSI 0 to 30 PSI 0 to 50 PSI 0 to 60 PSI 0 to 100 PSI 0 to 150 PSI 0 to 200 PSI 0 to 250 PSI 0 to 300 PSI 0 to 300 PSI 0 to 200 PSI 0 to 400 PSI 0 to 500 PSI 0 to 600 PSI 0 to 750 psi 0 to 800 psi 0 to 1000 psi 0 to 1500 psi 0 to 2000 psi 0 to 2500 psi 0 to 3000 psi 0 to 4000 psi 0 to 5000 psi 0 to 6000 psi 0 to 7000 psi 0 to 8000 psi 0 to 10,000 psi 0 to 15,000 psi 0 to 20,000 psi 0 to 30,000 psi	0 to 30" Hg vacuum 0 to 15 psi 0 to 15 psi 0 to 20 psi 0 to 20 psi 0 to 25 psi 0 to 30 psi 0 to 40 psi 0 to 60 psi 0 to 80 psi 3 to 15 psi 0 to 6 bar 0 to 10 bar 0 to 16 bar 0 to 16 bar 0 to 25 bar 0 to 25 bar 0 to 40 bar 0 to 40 bar 0 to 800 psi 0 to 1000 psi 0 to 1500 psi 0 to 2000 psi 0 to 2500 psi 0 to 3000 psi 0 to 4000 psi 0 to 5000 psi 0 to 6000 psi 0 to 7000 psi 0 to 8000 psi 0 to 10,000 psi 0 to 15,000 psi 0 to 20,000 psi 0 to 30,000 psi	0 to 30" Hg vacuum 0 to 15 psi 0 to 15 psi 0 to 20 psi 0 to 20 psi 0 to 25 psi 0 to 30 psi 0 to 40 psi 0 to 60 psi 0 to 80 psi 3 to 15 psi 0 to 6 bar 0 to 10 bar 0 to 16 bar 0 to 16 bar 0 to 25 bar 0 to 25 bar 0 to 40 bar 0 to 40 bar 0 to 800 psi 0 to 1000 psi 0 to 1500 psi 0 to 2000 psi 0 to 2500 psi 0 to 3000 psi 0 to 4000 psi 0 to 5000 psi 0 to 6000 psi 0 to 7000 psi 0 to 8000 psi 0 to 10,000 psi 0 to 15,000 psi 0 to 20,000 psi 0 to 30,000 psi	0 to 100 mbar 0 to 150 mbar 0 to 150 mbar 0 to 20 psi 0 to 500 mbar 0 to 600 mbar 0 to 800 mbar 0 to 1 bar 0 to 15 psi 0 to 1.6 bar 0 to 2 bar 0 to 2.5 bar 0 to 4 bar 0 to 600 psi 0 to 6 bar 0 to 8 bar 0 to 10 bar 0 to 12 bar 0 to 16 bar 0 to 20 bar 0 to 25 bar 0 to 30 bar 0 to 40 bar 0 to 60 bar 0 to 80 bar 0 to 10 bar 0 to 12 bar 0 to 16 bar 0 to 20 bar 0 to 25 bar 0 to 30 bar 0 to 40 bar 0 to 60 bar 0 to 80 bar 0 to 10 bar 0 to 12 bar 0 to 16 bar 0 to 20 bar 0 to 25 bar 0 to 30 bar 0 to 40 bar 0 to 60 bar 0 to 80 bar 0 to 100 bar 0 to 120 bar 0 to 160 bar 0 to 200 bar 0 to 250 bar 0 to 300 bar 0 to 400 bar 0 to 600 bar 0 to 800 bar 0 to 1000 psi 0 to 1200 psi 0 to 1500 psi 0 to 2000 psi 0 to 2500 psi 0 to 3000 psi 0 to 4000 psi 0 to 5000 psi 0 to 6000 psi 0 to 8000 psi 0 to 10,000 psi 0 to 15,000 psi 0 to 20,000 psi 0 to 25,000 psi 0 to 30,000 psi	Wetted Parts for AISI 316 Stainless Steel in ranges of up to 0 to 1,600 bar	Wetted Parts for AISI 316 Stainless Steel in ranges of up to 0 to 1,600 bar	Wetted Parts for AISI 316 Stainless Steel in ranges of up to 0 to 1,600 bar	Wetted Parts for AISI 316 Stainless Steel in ranges of up to 0 to 1,600 bar	15 PSI 25 PSI 50 PSI 75 PSI 100 PSI 150 PSI 200 PSI 250 PSI 300 PSI 500 PSI 500 PSI 1,000 PSI 1,000 PSI 1,500 PSI 1,500 PSI 2,000 PSI 3,000 PSI 5,000 PSI 5,000 PSI 10,000 PSI 15,000 PSI 20,000 PSI 30,000 PSI 50,000 PSI	Vacuum, compound 0-15 psi to 60,000 psi (1 bar - 4000 bar) Mutual readings possible (Max. 3 pens)	Up to 4,000 Bar (60,000 psi)	Up to 30,000 PSI	
Other		Pelican is a trademark of Pelican Products, Inc.									ATEX Models available. Require Safety Glass window and Blow Out protection.			

Note: Specifications and included accessories are subject to change without notice.