

Water Level Meter Comparison

Water Level Meter	Tape/Cable Type & Length	Probe Features & Materials	Measurement Indicators	Frame & Reel Specifications	Advantages
Model 101 P7	Flat (dog bone) PVDF Laser markings: 1/100 ft or mm - certified traceable to National Standards 19 strands of stainless steel in each conductor, 6 of those are copper coated 3/8" (10 mm) width Lengths to 5000 ft (1500 m)	P7 submersible 316 stainless steel Probe with Delrin® tape seal plug 5/8" (16 mm) diameter, 5.38" (137 mm) length 128 grams (4.5 ounces)	LED light Buzzer On/Off sensitivity switch Battery test button	Plastic faceplate & backplate (small reels) Metal faceplate & backplate (medium & large reels) Plastic hub Battery drawer Free-standing frame Brake & probe holder Tape Guide	Probe submersible to 1000 ft (300 m) Probe is simple to replace Tape is extremely durable, high in tensile strength and electrical efficiency Sensor at tip of probe, almost zero displacement
Model 101 P2	Flat (dog bone) polyethylene Heat embossed markings: 1/100 ft or each mm Foot and meter markings in red 7 strands of stainless steel in each conductor 3/8" (10 mm) width Lengths to 1000 ft (300 m)	P2 316 stainless steel Probe with Neoprene heat shrink seal 0.55" (14 mm) diameter, 7.5" (190 mm) length 200 grams (7 ounces)	LED light Buzzer On/Off sensitivity switch Battery test button	Plastic faceplate & backplate (small reels) Metal faceplate & backplate (medium reels) Plastic hub Battery drawer Free-standing frame Brake & probe holder Tape Guide	Easy to repair probe Shielded probe Tape is very easy to splice Tape is very flexible
Model 101B	Flat (dog bone) polyethylene tape with heat embossed markings each cm 7 strands of stainless steel in each conductor 3/8" (10 mm) width 30 m, 60 m, 100 m Lengths	P1 316 stainless steel Probe 5/8" (16 mm) effective diameter, 4" (102 mm) length 100 grams (3.53 ounces)	· LED light · Buzzer	Plastic faceplate & backplate Plastic hub Handle Brake Probe holder (metal clamp) on front of faceplate	· Low cost · Easy to repair
Model 102 P10	Cable with laser markings each 1/100 ft or each mm Copper outer conductor, stainless steel central conductor, heavy-duty polyethylene jacket 0.120" (3.05 mm) diameter Lengths to 1000 ft (300 m)	P10 316 stainless steel Probe with 10 stainless steel weights 3/8" (9.5 mm) diameter, 2.75" (70 mm) length 174 grams (6.14 ounces) (with weights)	LED light Buzzer On/Off sensitivity switch Battery test button	Plastic faceplate & backplate Plastic hub Battery drawer Free-standing frame Brake & probe holder Tape Guide	Ability to fit narrow diameters and snake around down-well obstructions or pumps Lower cost
Model 102 P4	Cable with laser markings each 1/100 ft or each mm Copper outer conductor, stainless steel central conductor, heavy-duty polyethylene jacket 0.120" (3.05 mm) diameter Lengths to 300 ft (100 m)	P4 316 stainless steel Probe with no weights 0.157" (4 mm) diameter, 1.5" (38 mm) length 10 grams (0.35 ounces)	LED light Buzzer On/Off sensitivity switch Battery test button	Plastic faceplate & backplate Plastic hub Battery drawer Free-standing frame Brake & probe holder Tape Guide	Ability to fit narrow diameters, including the channels of a Solinst CMT Multilevel System or open tubes of a Waterloo System Lower cost
Model 102M P10	Cable with laser markings each 1/100 ft or each mm Copper outer conductor, stainless steel central conductor, heavy-duty polyethylene jacket 0.120" (3.05 mm) diameter 80 ft or 25 m Lengths	P10 316 stainless steel Probe with 10 stainless steel weights 3/8" (9.5 mm) diameter, 2.75" (70 mm) length 174 grams (6.14 ounces) (with weights)	LED light Buzzer On/Off sensitivity switch Battery test button	Plastic faceplate & backplate Plastic hub Handle Brake Probe holder	Small compact reel makes it easy to transport Ability to fit narrow diameters and snake around down-well obstructions or pumps Lower cost
Model 102M P4	Cable with laser markings each 1/100 ft or each mm Copper outer conductor, stainless steel central conductor, heavy-duty polyethylene jacket 0.120" (3.05 mm) diameter 80 ft or 25 m Lengths	P4 316 stainless steel Probe with no weights 0.157" (4 mm) diameter, 1.5" (38 mm) length 10 grams (0.35 ounces)	LED light Buzzer On/Off sensitivity switch Battery test button	Plastic faceplate & backplate Plastic hub Handle Brake Probe holder	Small compact reel makes it easy to transport Ability to fit narrow diameters, including channels of a Solinst CMT Multilevel System or open tubes of a Waterloo System Lower cost

