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 shaped tape Laser markings: mm or 1/100 ft – certified traceable to National Standards 19 strands of stainless steel in each conductor, 6 of those are copper coated 10 mm (3/8") width Lengths to 1500 m (5000 ft)	• P7 submersible 316 stainless steel Probe with Delrin® tape seal plug • 16 m (5/8*) diameter, 137 mm (5.38*) 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 is submersible the full length of the tape 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 101D		Uses P7 probe with an added shroud	Same as above with Water Level/ Draw Down Mode switch		Same as above Drawdown mode
Model 101 P2	Flat, dog bone shaped polyethylene tape Heat embossed markings: mm or 1/100 ft Foot and meter markings in red 7 strands of stainless steel in each conductor 10 mm (3/8") width Lengths to 300 m (1000 ft)	P2 316 stainless steel Probe with Neoprene heat shrink seal 14 mm (0.55") diameter, 190 mm (7.5") length 200 grams (7 ounces)	LED light Buzzer On/Off sensitivity switch Battery test button		Easy to repair probe Shielded probe Tape is very easy to splice Tape is very flexible
Model 101B	Flat, dog bone shaped polyethylene tape Heat embossed markings each cm 7 strands of stainless steel in each conductor 10 mm (3/8") width 30 m, 60 m, 100 m Lengths	P1 316 stainless steel Probe 16 mm (5/8") effective diameter, 102 mm (4") 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 102/102M P10	Cable with laser markings each 1/100 ft or each mm Copper outer conductor, stainless steel central conductor, heavy-duty polyurethane jacket 0.120" (3.05 mm) diameter 102 Lengths to 300 m (1000 ft) 102M Lengths: 25 m or 80 ft	P10 316 stainless steel Probe with 10 stainless steel weights 10 mm (3/8") diameter, 70 mm (2.75") 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 (102)	Ability to fit narrow diameters and snake around down-well obstructions or pumps Lower cost 102M: small compact reel makes it easy to transport
Model 102/102M P4	 Same as above 102 Lengths to 100 m (300 ft) 102M Lengths: 25 m or 80 ft 	P4 316 stainless steel Probe with no weights 4 mm (0.157") diameter 38 mm (1.5") length 10 grams (0.35 ounces)			Ability to fit really narrow diameters, including the channels of a Solinst CMT Multilevel System or open tubes of a Waterloo System Lower cost 102M: small compact reel makes it easy to transport

