

# SID ROTARY MODEL S-30100 SPECIFICATIONS

rev190514

<b>SID ROTARY ASSY</b>		
<b>construction-structure</b>		
cage frame	aluminum 6061, hard-anodized	
kickstand	aluminum 6061, hard-anodized	
drum frame	aluminum 6061, polyester coated	
base station plate	aluminum 6061, hard-anodized	
base station claw	aluminum 6061, hard-anodized	
hand bars	Nylon 6/6, solid	
<b>dimensions</b>		
width	10.25"	(260 mm)
length	10.25"	(260 mm)
depth	6.25"	(159 mm)
weight w/o probe assy	4 lb-12 oz.	(2.150 kg)
weight with probe assy	6 lb-9.5 oz.	(3.012 kg)
<b>environment</b>		
moisture	IP67 (NEMA-4x) weatherproof	
temperature	-15°f to +140°f	(-26°c to 60°c)
<b>power supply</b>		
battery standard	2 x 9v cells	
battery life (typical)	6 months	
<b>operator controls</b>		
power	on/off	
horn	on/off	
horn	volume control	
sensitivity	variable low to high	
counter	zero reset, gear driven	
rotary knob	probe deployment / retrieval	
rotary brake	probe hold	
<b>indicators</b>		
density meter	sunlight visible red LED lightbar	
horn	70db max	
battery low	illuminates flasher	
counter	probe elevation	
<b>calibration</b>	factory sealed (no recal required)	

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<b>PROBE</b>		
<b>model</b>	P-10100	
<b>construction</b>		
material	stainless steel 304	
technology	IRED emitter/detector	
sensor gap	0.780"	(20mm)
lenses	polycarbonate	
range min	100-2,000 mg/l (varies)	
range max	100-10,000 mg/l (varies)	
height	3.50"	(88.9mm)
width	2.45"	(62.2mm)
depth	0.75"	(19.0mm)
circular envelope	2.55"	(64.7mm)
weight	17.64 oz.	(500g)
color	metallic	
<b>CABLE ASSEMBLY</b>		
<b>environmental</b>		
moisture	IP68	
temperature	-15°f to +140°f (-26°c to +60°c)	
<b>length</b>	30 ft. (9.1M) and 50 ft. (15.2m)	
<b>jacket</b>	polyurethane	
<b>color</b>	yellow	
<b>cable connector</b>		
external	circular quick disconnect type	
moisture	IP68	