



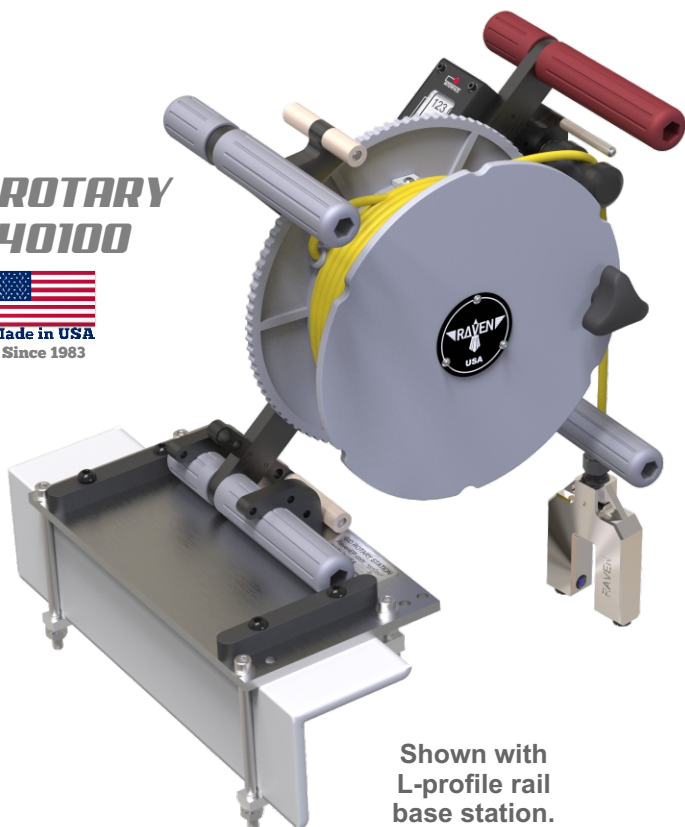
Sludge Level Measurements

NO OVERHEAD DRIPS

NO TOUCHING WET SURFACES

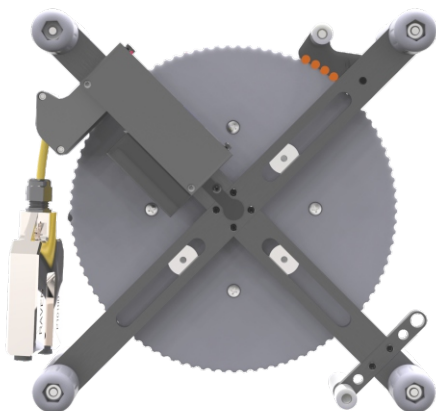
The New Model with Digital Counter

**SID ROTARY
S-40100**

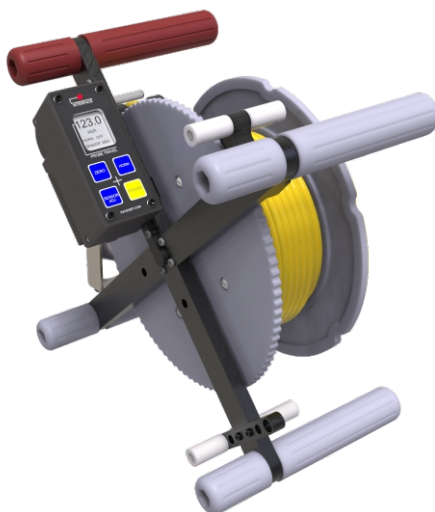


Shown with
L-profile rail
base station.

- ➔ **Simple** - release the probe and reel it in
- ➔ **Sanitary** - no need to touch wet surfaces
- ➔ **Accurate** - New digital counter shows sludge elevation in inches
- ➔ **Lightweight** - portable to service multiple tanks
- ➔ **Durable** - stainless steel infrared sensor for long lasting performance
- ➔ **Repeatable** - rail mounted base stations ensure accurate measurements



DURABLE



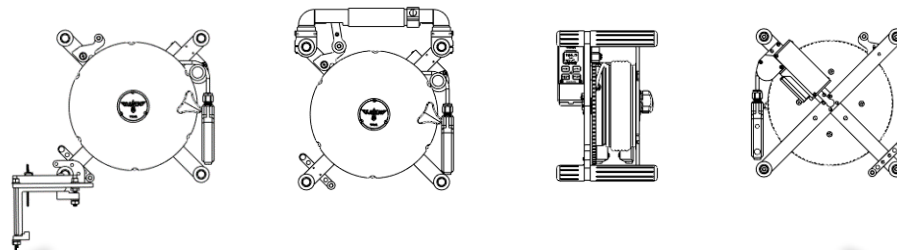
PRECISE

SPECIFICATIONS RAVEN model: S-40100

SID ROTARY		
model	S-40100	
features		
portable	service multiple locations	
digital backlit display	day and night visibility	
depth counter	precise probe travel displayed inch or cm	
robust	cage protects instrument from impact	
light weight	built for operator comfort and it floats	
probe auto-release	emergency probe disconnect	
weather resistant	rain or shine operation	
operator sanitation	never touch wet surfaces	
construction-structure		
cage frame	aluminum 6061, hard-anodized	
kickstand	aluminum 6061, hard-anodized	
rotary drum	plastic filament PETG	
hand bars	plastic filament PETG	
base station plate	aluminum 6061, hard-anodized	
base station claw	aluminum 6061, hard-anodized	
dimensions		
width	9.500"	(24.13 cm)
length	9.500"	(24.13 cm)
depth	6.375"	(16.19 cm)
weight w/o probe assy	3.5 lbs.	(1.587 kg)
weight with 30 ft. probe	5.3 lbs.	(2.4 kg)
environment		
moisture	IP67 (NEMA-4x) weatherproof	
temperature	-15°F to +130°F (-26°C to 54°C)	
power supply		
battery standard	3 x AAA cells (no tools req)	
battery life (typical)	6 months	
operator controls		
power button	on/off	
horn button	on/off (70 db/silence)	
sensitivity button	low, medium, high	
zero button	counter reset	
rotary knob	probe deployment / retrieval	
rotary brake	probe hold elevation	
indicators		
LCD display screen	night time visible backlit display	
LED Interface alert	sunlight visible LED	
probe travel counter	distance in inch and centimeter	
Sensitivity status	low, medium, high	
horn status	on/off	
battery low	automatic alert	
calibration		
factory	Factory sealed (no cal required)	

OPTIONAL EQUIPMENT	
free-style handle	S-40-170
universal base station	S-40-163
round base station	S-40-162
T-rail base station	S-40-161
L-rail base station	S-40-160

PROBE	
model	P-10100
construction	
material	stainless steel 304
technology	IREM emitter/detector
sensor gap	0.780" (20mm)
lens	polycarbonate, clear
range - min sensitivity	100-2,000 mg/l (varies)
range - max sensitivity	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
CABLE	
environmental	
moisture	IP68
temperature	-15°F to +140°F (-26°C to +60°C)
length	30 ft. (9.1M) & 50 ft. (15.24M)
jacket	polyurethane
color	yellow
connector	
internal	pin quick-disconnect type



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