



**HERON**  
INSTRUMENTS INC.

## dipper-Tough (Series 1400)



### Static & Drawdown Specifications

Reel Assembly:	Standard	Large	Tape:	
Height	36cm (14")	43cm (17")	Tape:	High Tensile Stainless Steel
Depth	21cm (9")	23cm (9")	Jacketing	Kynar
Width	29cm (11.5")	34cm (13.5")	Conductors	7 Strand (4 Stainless Steel & 3 Copper)
Weight (Reel Assembly Only)	2.6kg (5.7lb)	4.2kg (9.3lbs)	Markings	Metric or Engineering Scale - Under Jacketing
Plate Size	27cm (10.5")	34cm (13.5")	Width	9.5mm (3/8")
Plate Material	Nylon Fibe Composite	Aluminum	Dog Bone Profile	Dogbone for low friction
Brake	Ergonomic Dial	Ergonomic Dial	Break Strength	125kg (280lbs)
Stainless Ball Bearing	Yes	Yes	Accuary	3mm/30 meters (1/100th of a foot per 100 feet)
Hanger	Included on frame	Included on frame	Resolution	Metric 1mm, Imperial 1/100 per ft
Tape Guide	Included on frame	Included on frame		
	30m, 100ft	200m, 750ft		
	45m, 150ft	300m, 1000ft		
Tape Lengths	60m, 200ft			
	100m, 300ft			
	150m, 500ft			
Electronic Panel:			Link & Probe:	
Operating Mode	Static and Drawdown with		Link and Probe	Snag free design
Detects	Water		Probe Weight	158g (.35lb)
Operating	-45 to +55 °C/ -50 to + 130°F		Length	17.5cm (7")
Visual Indictaor	Bright Red LED		Diameter	16mm (5/8")
Audible Indictaor	Volume Adjustable Buzzer		Removable/replaceable	No
Audible Volume	Yes 0-100dbi		Depth Rating	1.5km (5000ft) (150Bar) (2150psi)
Power Source	9V		Break strain	N/A
Battery Life	Unlimited Standby.		Wetted Materials	Stainless Steel 316, 30% Glass filled Delrin Composite, Polyurethane.Gold
On/Off	Automatic		Operating Temperature	-45 to +55 °C/ -50 to + 130°F
Durability	IP68		Sensor Accuracy	+/-1mm (+/-0.04")
Removable/replaceable	No		Detection time	Instantaneous
Warranty			Included & Optional:	
2 years/1 year probe			Padded Carry Case	Included

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