HERON INSTRUMENTS INC.
For Good Measure

dipper-See DISCOVERY (Series 2300)



Professional Borehole Inspection Camera

Monitor:			
Monitor	IP65 all in one unit	**DVR to record video and pictures**	Yes (Fully Integrated DVR)
Monitor Operating Temperature	-20°C~50°C / -4°F to 120°F	**Voice over support and microphone**	Yes (Fully integrated microphone)
Display Size	10 Inch	**Keyboard for text input onscreen**	Yes (Wireless Keyboard Included)
Display Resolution	1920x1080p (Full Colour)	**Video playback support**	Yes (Includes built in speakers)
Display Brightness	1000 nits	**Records to**	USB Drive (Included)
Replaceable Protective display cover	Yes	**HDMI Video out**	Yes (HDMI cord included)
Cable:			
Cable	Round 4.5mm Black Polyurethane Cable	**Cable length Options**	150m/500ft or 300m/1000ft
Depth indication	On Screen digital depth display with 1mm/0.01ft Resolution	**Switch between metric and Imperial anytime**	Yes
Depth Accuracy	+/-1.5%	**Break Strength**	150Lbs Break Strength
Probe:			
Camera Probe and Link Diameter	23mm/0.9"	**Laser Measurements**	Yes, Included 2x(4.9mw, 635/650nm, red, 2.5mm dot at 30cm) Lasers are true up to 30cm/12" distance. Laser dot seperation for mesurement reference is aprx. 25mm/1".
Camera Probe and Link Rigid Length	30cm/11.75"		
Camera Probe and Link Weight	415g/0.92lbs	**Probe Lense Material**	Clear Sapphire
Probe and Link Depth Rating	300m/1000ft	**Probe Illumination**	10 LED's (Wide field of view)
Removable probe	Yes (Field Replaceable)	**ightness Adjustments**	10 Levels (up and down)
Modular Probe	Yes (Rotation Modules, Sideview.)	**Probe Operating Temperature**	-20°C~50°C / -4°F to 120°F
Probe resolution	1080p HD	**Wetted Materials**	Stainless Steel 316, Sapphire, Delrin, Rubber Buna, Polyurethane
Probe Views	Downview (170°) and Sideview (170°)	**PFAS Status**	PFAS free source materials for wetted components**
Rotating probe	Yes, Included		
POWER:			
Power source	20v Yellow Power Drill Batteries (5Ah Battery Provided)	**Flux Capacitors**	Included
Battery Life with Inlcuded Battery	5 hours per battery (Under normal operating conditions)		
Included:			
Rugged Carry Case	Included	**Battery Charger**	Included
Centralizer	Included	**Protective Probe Bumper**	Included
Retrieval Hook	Included	**Well Built for 1 handed Use**	Included
Cleaning kit	Included	**Sun Visor**	Included
Warranty	2 year (Probe 1 year)		
Dimensions:			
Total Unit Weight Including Case and Accesories	150m length: 24.2kg/59.4lbs 300m length: 28.8kg/69.5lbs	**Unit Dimensions (Frame Reel and Monitor)**	Height: 63.5cm/25" Width: 34.5cm/13.5" Depth: 25.5cm/10"
Case Dimensions	64 mm x 508mm x 368mm / 25.4in x 20in x 14.5in	**Frame and Reel Materials**	Coated Steel Frame, Aluminum Plates, Composite Hub
Unit Weight (Frame, Reel, Monitor, and Battery)	150m length: 11.4kg/25.1lbs 300m length: 16kg/35.3lbs	**Frame and Reel Features**	Frame Hanger and Cable Roller Guide Built in

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*All specifications are subject to change without notice. **Manufactured with wetted materials not known by us to contain PFAS