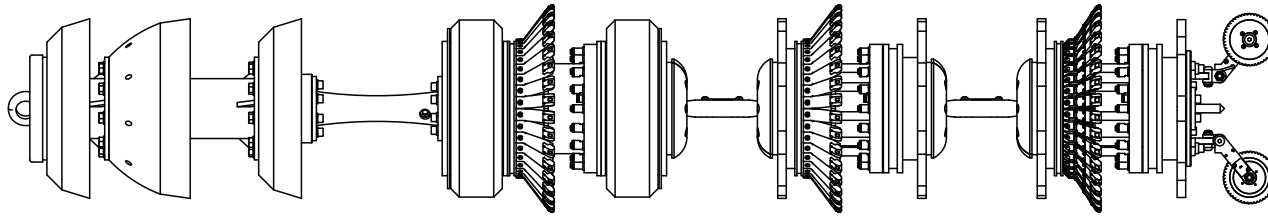




# DfL™ DIGITEL FLUX LOGGER

## 10 inch - Technical Specifications



### DESIGN

#### Tool Attributes

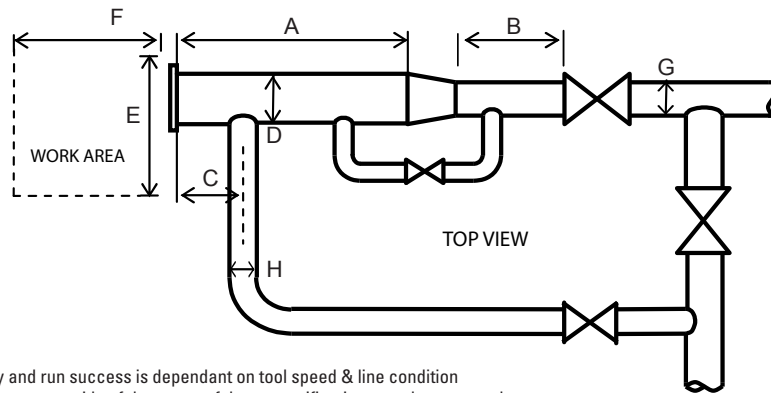
Odometer Channels	2
Odometer Resolution	0.100 in (2.54 mm)
Data Storage	Flash Data Storage, expandable
Inertial Mapping	GIS/GPS Mapping & Geospatial Reporting

DATA SETS (# Sensors)		OPERATIONAL	
Metal Loss	72	Max. Pressure	1650 psi (11376 kPa)
Residual	72	Temp. Range	32 to 140 °F (0 to 60 °C)
IDOD	36	Velocity	≈ 0.1 to 8 mph (0.04 to 3.6 m/s)
Caliper	36	Required Differential Pressure	25 to 60 psi (172 to 414 kPa)

PIPELINE GEOMETRY REQUIREMENTS	in (mm)
Local Min. Cross Sectional Diameter (in straight pipe - Dent, Buckle, etc.)	8.60 (218.44)
Feature Bore Restriction Diameter (Tee, Valve, etc.)	9.25 (234.95)
Min. Bend Radius	1.5D
Min. Bend Separation	5.38 (136.65)
Min. Tee Separation (centerline to centerline)	30.00 (762.00)
Max. Passable Wall Thickness	0.750 (19.05)
Max. Recordable Wall Thickness	0.625 (15.88)

IMU SPECIFICATIONS @ 3 – 8 mph / (1.3 to 3.6 m/s)		DIMENSIONS	
<b>Gyros</b>	<b>Accelerometers</b>	Length	74 in (1880 mm)
Latitude ±1 m, 1 σ	Additional information available upon request	Weight	224 lb (102 kg)
Longitude ±1 m, 1 σ		<b>TOOL RANGE @ 3 mph (1.3 m/s)</b>	
Elevation ±1 m, 1 σ		* Run Time	69 hours

SUGGESTED MINIMUM TRAP DIMENSIONS in (mm)								
Traps	A	B	C	D	E	F	G	H
Launcher	86 (2184)	37 (940)	18 (457)	12 (305)	58 (1473)	146 (3708)	10 (254)	4 (102)
Receiver	86 (2184)	86 (2184)	18 (457)	12 (305)	58 (1473)	146 (3708)	10 (254)	4 (102)



#### Notes:

- Data quality and run success is dependant on tool speed & line condition
- Pipelines that are outside of the scope of these specifications can be assessed on an individual basis; please contact Enduro.
- Tool design may vary from image above.

\* Increased run time available with additional battery packs

Data is subject to change without notice | 10" DfL 0700-4B-17010 Rev. 4  
11/6/2015 - 0700-19-13853 rev 5

**10 inch**

### REPORTING

Metal Loss	ERW	Seamless
Min. Depth Sizing (POD 90%)	10%	15%
Sizing Accuracy - Depth	± 10% (.10t)	± 15% (.15t)
Sizing Accuracy - Length	± 0.50 in (13 mm)	
<b>Geometry Data</b>		
Reporting Threshold	0.50% of Pipe O.D. (0.06 in)	
Sizing Accuracy - Depth	0.06 in (1.52 mm)	

#### Location Accuracy

Axial: ± 0.01% within a joint  
Circumferential: ± 10°

#### Bend Data

Angle Accuracy ± 2°  
Direction ± 10°  
Radius ± 0.2D

#### Notes:



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