



## 4" Pipeline Inspection System

### Design Characteristics:

Length	1.44m (57") w/o Geo-1.17m (46.4")
Weight	21 kg (47lbs) w/o Geo-17kg (38lbs)
Meta Loss Sensors	36 Hall Effect, 8.9mm (0.35") Spacing
ID/OD Sensors	18
Geometry Sensors	10
Temperature Sensor	1 -0 to 125° C (32 to 257° F)
Sample Rate	2.0 mm (0.08")
Odometer Channels	2

### In-Line Specifications:

Velocity Range	0 to 3 m/s (0 to 7 mph)
Inspection Range	130 km (80 miles)
Battery Life	25 hours (expandable)
Temperature Range	-10 to +70° C (14 to 158° F)
Maximum Pressure	13.8 MPa (2000 psi)
Minimum Local ID	20% OD, 88.9 mm (3.5")
Minimum Bend Radius	5D (Sch. 80)
Max. Inspectable Wall Thickness	5.56mm (0.219")
Max. Passable Wall Thickness	8.56 mm (0.337") Sch. 80

### Reporting Specifications:

Isolated Metal Loss	1t x 1t < Defect Area < 3t x 3t
Minimum Depth	0.2t
Depth Sizing Accuracy (80% Conf.)	±0.1t
Length Sizing Accuracy (80% Conf.)	±1.27mm (0.5")
General Metal Loss	Defect Area > 3t x 3t
Minimum Depth	0.1t
Depth Sizing Accuracy (80% Conf.)	±0.1t
Length Sizing Accuracy (80% Conf.)	±25.4mm (1.0")
Geometry	
Reporting Threshold	2% of OD
Sizing Accuracy	±2.5mm (0.1")
Location Accuracy	
Axial	±0.1%
Circumferential	±15°

#9, 2625 18th Street NE  
 Calgary, Alberta T2E 7E6  
 Toll-free: 1.888.234.8345  
 Phone: 403.234.8345  
 Fax: 403.234.9569

[www.onstream-pipeline.com](http://www.onstream-pipeline.com)  
 Email: [info@onstream-pipeline.com](mailto:info@onstream-pipeline.com)