

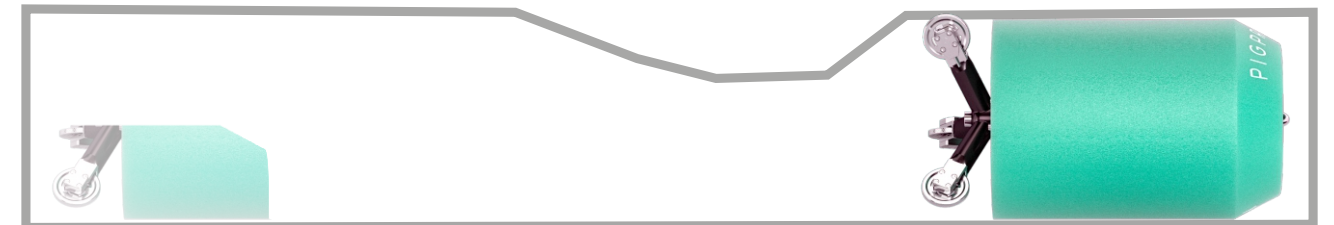


PIGPROX

— EddyFlex Foam Intelligent Pig —



EddyFlex Foam



Patented Technology

Lightweight Design with Low Stuck Risk

Passes up to 40% OD Single-Dent Deformation

Deyuan Technology Co., Ltd.

Website: www.pigprox.com

Email: info@pigprox.com

Tel: +86 28 8531 3153

Address: Rm 1801, Unit A, Zhonghang International Exchange Center,
777 North Yizhou Street, High-Tech Zone, Chengdu, China

BETTER PIGPROX BETTER SOLUTION

Deyuan Technology Co., Ltd.

EddyFlex Foam Overview



PIGPROX EddyFlex Foam Intelligent Pig, is a foam-based eddy current ILI tool for oil, gas, and urban gas pipelines with high stuck risk risk. Its highly deformable foam body can pass through up to 40% OD single-dent deformation, making it suitable for pipelines where conventional ILI tools may be difficult to run.

By integrating low-power, high-sensitivity eddy current sensors and an integral polyurethane foam molding process, it offers lightweight structure, excellent passability, low differential pressure, and reduced blockage risk for low-passability pipeline inspection.

Features & Benefits

1.Excellent passability, low stuck risk

Passes up to 40% OD single-dent deformation, 1.0D bends, and 90° bends.

2.Lightweight, low operating pressure

Starts at only 0.1 MPa (14.5 psi) differential pressure and operates at pipeline pressure ≥ 0.2 MPa (29 psi)

3.Integrated encapsulation, stable data acquisition

Provides stable data with high SNR and is suitable for internally coated pipelines without coating damage.

Technical Specifications

Item	PIGPROX EddyFlex Foam Intelligent Pig
Tool Size (DN200)	Length: 310 mm (12.20 in); Weight: 2.5 kg (5.51 lb)
Applicable Diameter	6" to 20"; Other diameters available upon request
Operating Speed	≤ 5 m/s (≤ 16.4 ft/s)
Operating Pressure	≤ 10 MPa ($\leq 1,450$ psi)
Startup Differential Pressure	≥ 0.1 MPa (≥ 14.5 psi)
Bend Passability	$\geq 1D$
Deformation Passability (DN400)	$\leq 40\%$ OD single-dent deformation
Applicable Medium	Liquid and gas pipelines
Compatible PIG Trap	Standard PIG trap , PIG valve, short spool,temporary launcher & receiver
Defect Detection Capability	Internal metal loss, mechanical damage, weld anomalies, dents, wrinkles, etc.
Feature Identification Capability	Welds, tees, bends, valves, flanges, insulating joints, branch connections, etc.