

PIGPROX-TR

INTELLIGENT PIG TRACKING SYSTEM

NO NEED INSTALL TRANSMITTER

Better Pigprox, Better Solution

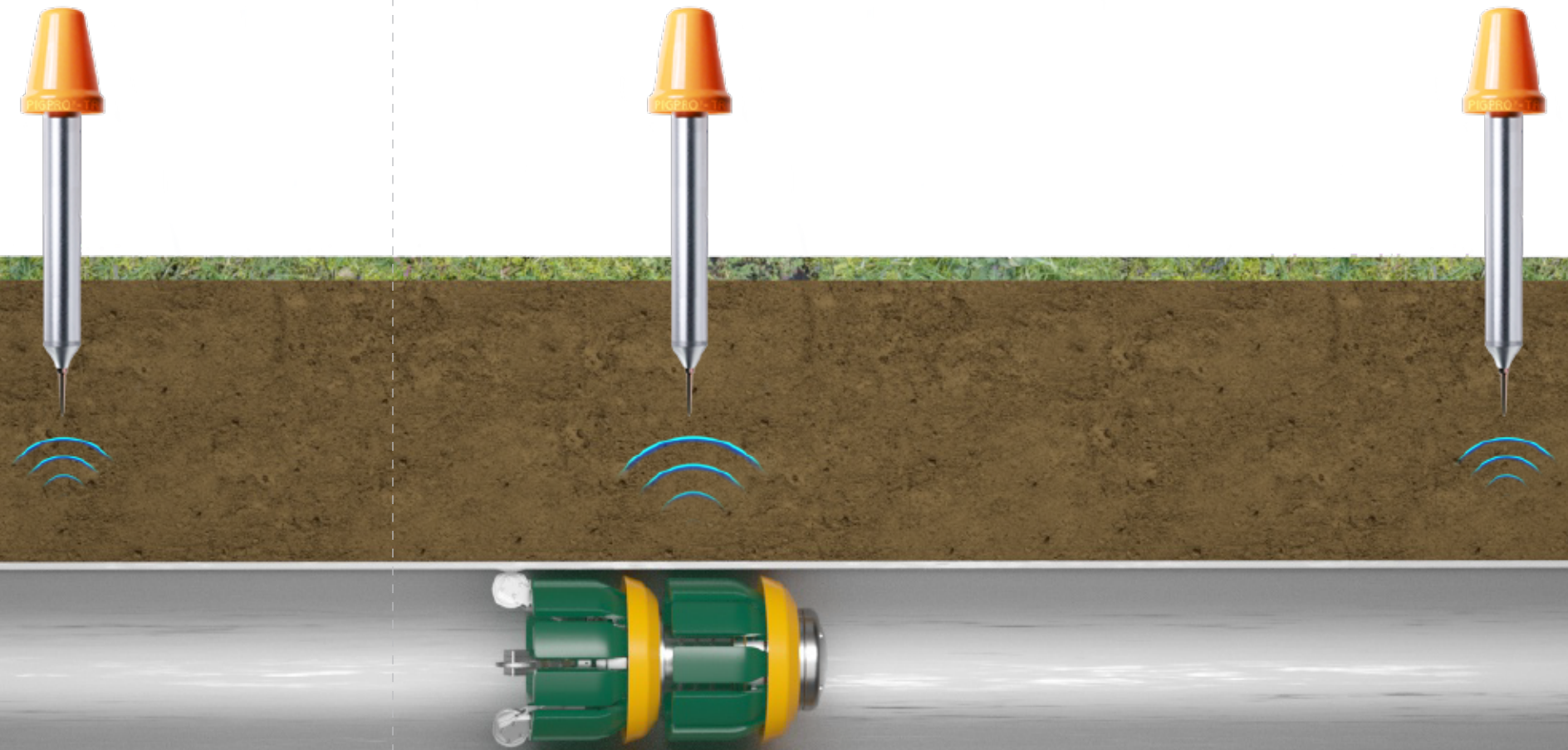
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INTRODUCTION

PIGPROX-TR, the Intelligent Pig Tracking System consists of a pig tracking tool and software, usually placed at intervals of 1 to 3 kilometers (0.66 to 1.875 miles) along the pipeline. Equipped with high-sensitivity sensors, it can track the real-time infrasonic signals generated by the pig during running along the pipeline. By leveraging AI algorithms, the system synchronously transmits operational status information via 4G (with optional 5G or GPS transmission) to the pig tracking software platform. The AI algorithms can calculate real-time operational data, including the pig's location, speed, and stuck positions. The users can acquire pig's running information through computers or mobile devices during pigging.

PARAMETERS

Size: $\Phi 129 \times 620\text{mm}$ (0.51" \times 24.41")

Weight: 3Kg (6.6 lbs)

Duration: 72h

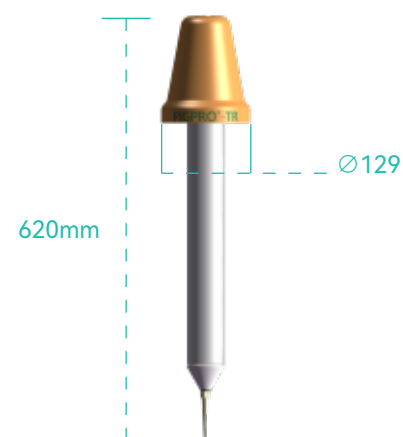
Buried Depth of Pipeline: $\leq 3\text{m}$ (9.84 ft)

Working Temperature: $-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$ ($-4^{\circ}\text{F} \sim 140^{\circ}\text{F}$)

Ingress Protection: IP168

Communication: 4G (able to customize 5G or GPS)

Install Spacing: 1~3Km (0.66~1.875 miles)



ADVANTAGES

• No Need Transmitter

PIGPROX-TR follows infrasonic wave generation and transmission to track pigs running through pipelines. Unlike traditional methods, our system eliminates the need for a transmitter.

• Automated Tracking

With installation intervals typically ranging from 1 to 3 kilometers (0.66 to 1.875 miles), PIGPROX-TR allows users to track pigs remotely via computer or mobile device, with no requirement for personnel to remain on-site during operation. This increases efficiency and reduces labor costs.

• Suitable for All Pigs

The tracking tool is suitable for tracking with all kinds of cleaning pigs and ILI tools including foam pigs, cup pigs, disc pigs, caliper pigs, smart pigs et.al.

BENEFITS

- Cost-Effective
- Suits for All the Cleaning Pigs and Smart Pigs
- Real-Time Pig Run Status

