

# SPY®

PIPELINE INSPECTION COMPANY, LTD.

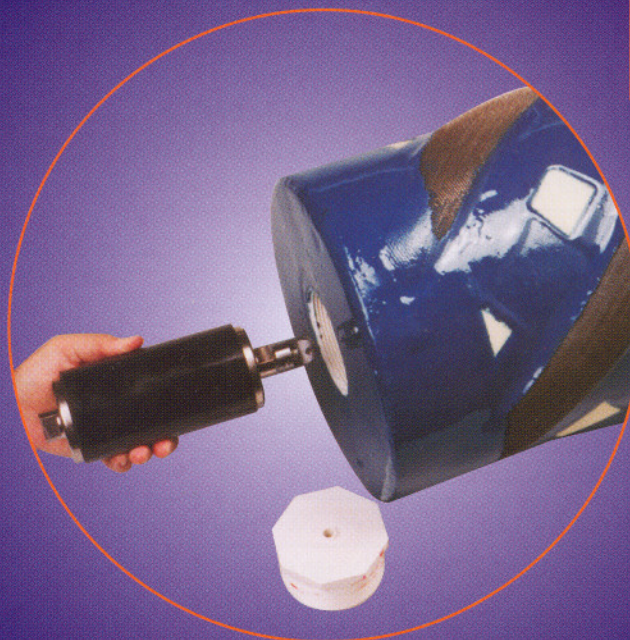
## ELECTRONIC PIG TRACKER

### Models

**PT 750**

**PT 275**

**PT 107**



The SPY® Electronic Pig Tracker is used to reliably track the passage and pinpoint the location of your pipeline pigs. It locates pigs wherever they are used: mainline transmission lines; gathering lines; municipal gas, water and wastewater lines; refinery piping and other industrial applications. The pig tracker system utilizes strong low-frequency signals that penetrate the pipe wall to consistently and accurately identify the progress of your pig. The system contains a self-powered cylindrical transmitter that travels with the pig, and a hand-held receiver with pick-up wand to identify the pig's location for the user. The transmitters are sealed and potted to resist temperature, and pressure and to protect against contaminants. The PT750 and PT275 models may be attached via standard or custom mounting hardware, internally or externally, or towed behind.

### Model 2

Designed for 2 inch lines with 5R or greater bends and 3-6-inch pipe sizes with 3R or greater pipe bends. Uses the PT107 transmitter.

### Model 4

For 6-inch or larger lines with 1 1/2R or greater bends. Uses the PT275 transmitter.

### Model 12

For 12-inch or larger lines with 1 1/2R or greater bends. Uses the PT750 transmitter.

- Rugged and durable for maintenance-free operation
- Uses standard, non-rechargeable batteries
- Liquid-tight transmitter withstands high pressures and temperatures
- Underwater / Subsea adaptable with wand cable up to 1000' length
- Signal strength and range exceed competitors' equipment
- Coded signal minimizes false readings





## ELECTRONIC PIG TRACKER

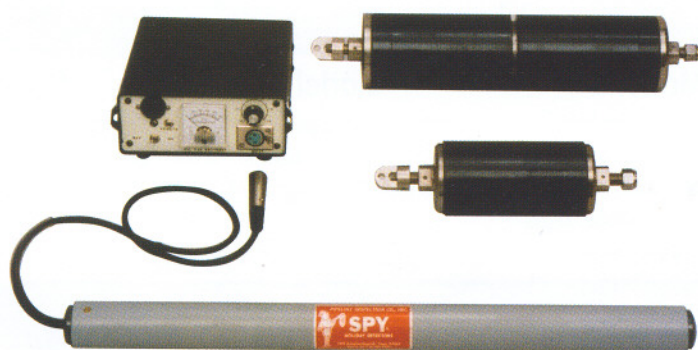
### TRANSMITTERS

TRANSMITTER	PT750	PT275	PT107
Line Pipe Size	12" (304.8mm)*& larger	6" (152.4mm)*& larger	2"-6"(50.8-152.4mm)**
Transmitter Length	16" (406.4mm)	9.5" (241.3mm)	6.68" (169.67mm)
Transmitter Diameter	3.275" (83.19mm)	3" (76.2mm)	1.25" (31.75mm)
Maximum Hours of Signal	500 hours	200 hours	60 hours
Batteries Required	8 Type "C" Alkaline	4 Type "AA" Alkaline	1 Lithium 3V
Maximum Pickup Range (free air)	100 ft (30.48m)	60-75 ft (18.3-22.9m)	20 -25 ft (6.1-7.6m)
Ground Cover Depth Pickup Range	25-30 ft (7.6-9.1m)	15 ft (4.6m)	8 ft (2.4m)
Maximum Operating Pressure	3000 psi (20684kPa)	2000 psi (13789 kPa)	1000 psi (6894 kPa)
Minimum pig cavity for mounting	3 1/2" (88.9mm)	3 1/4" (82.55mm)	1 1/2" (38.1mm)
Temperature Range	Minimum -20°F (-29°C)      Maximum 180°F (82°C)		
*With 1 1/2 R or greater bends, ** In 3-6 inch pipe with 3R or greater bends, in 2 inch pipe with 5R or greater bends			



### PTR WAND AND RECEIVER

The transmitter creates a changing magnetic field which the pick-up wand detects. This signal is amplified and processed by the Pig Tracker Receiver (PTR) with audible and visual output. Powered by two standard 9-volt alkaline batteries for a continuous life of about 50 hours. The pick up wand plugs into the receiver, which is compatible with all Pig Tracker transmitters. A special waterproof wand with up to 1000 foot cable can be used for underwater operations.



Pinpointing