

An adjustable magnetic flux leakage pipe scanner suitable for outside diameters from 48mm to 2400mm

Pipescan is an easy to use, cost effective, portable, magnetic flux leakage inspection system for the detection of random internal corrosion in pipe runs. The latest magnetic material coupled with unique mechanical designs enables coverage of all pipe diameters from 50mm to 2.4 metres with a limited number of scanning heads. Magnetic flux leakage inspection is not affected by product flowing through the pipe so surveys can be carried out both on-line and off-line and at surface temperatures up to 90°C. Use of Pipescan, with its high probability of detection to locate the corrosion, coupled with A-Scan ultrasonic monitoring of growth, provides a cost effective accurate system for the determination of plant integrity.



## Standard Models



### FIXED

- PS100B pipe diameter 48 - 54mm
- PS100F pipe diameter 63 - 75mm
- PS100C pipe diameter 75 - 90mm



### ADJUSTABLE

- PS500 pipe diameter 100 - 200mm
- PS200 pipe diameter 150 - 300mm
- PS1200 pipe diameter 300 - 2400mm



### CIRCUMFERENTIAL

- PS300 pipe diameter 300 - 2400mm
- PS400 pipe diameter 150 - 300mm



### Technical and Performance Specification

Principle of operation	Magnetic Flux Leakage
Detection	18 off-Hall Effect sensors
Pipe diameters	50 mm to 2.4 metre
Method of propulsion	Hand Push / Pull
Speed	0.5 m/sec
Profile	Clearance under / between pipework min 120 mm
Thickness range	Maximum 19 mm
Test through coatings	Yes if non magnetic
Maximum coating thickness	6 mm
Sensitivity	Adjustable
Max sensitivity	30% pitting in 6 mm wall pipe 40% pitting in 12 mm wall pipe 50% pitting in 19 mm wall pipe
Connecting Cable	5 metre standard length
Power requirements	12v battery operation
Test Time	10 hour continuous working
Transit case	Meets IATA requirements for transporting magnetizable material
Operating weight	18 Kg - combined weight of scanning head and electronics module

## Key Features

- Pipe Outside Diameter from 48mm to 2400mm
- Easy to Use, Cost Effective Inspection Tool
- Fixed / Adjustable / Circumferential Scan Heads
- Battery Operated Light Weight Electronic Module

