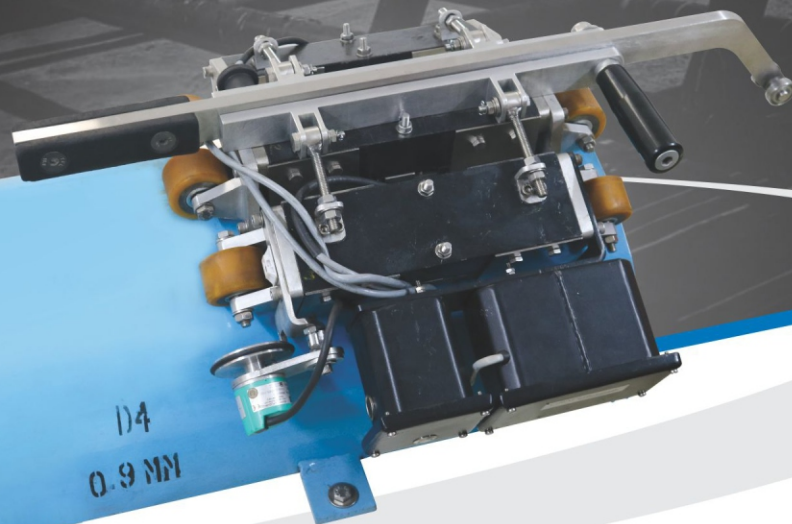


MAGNETIC FLUX LEAKAGE INSPECTION



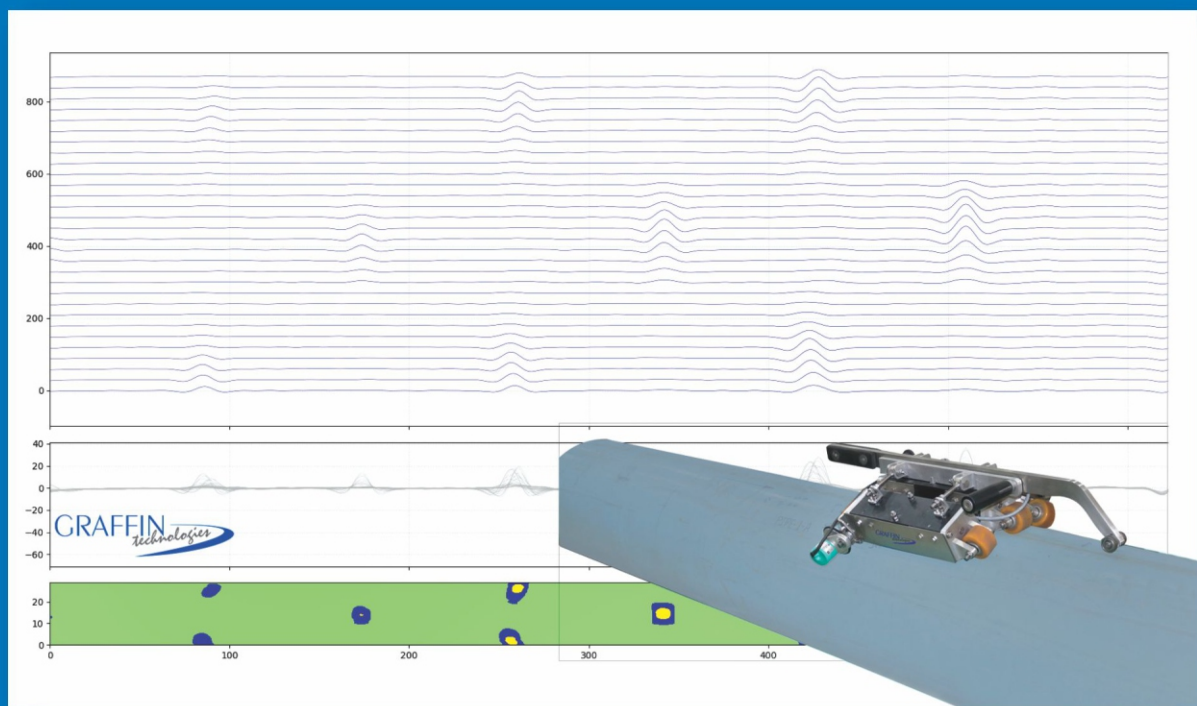
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MAGNETIC FLUX LEAKAGE INSPECTION

Model No.: GT-MFL-01-24

- Portable MFL (Magnetic Flux Leakage) manually operated to externally scan and detect corrosion & pitting of pipelines, tanks and other steel structure
- Fast, Reliable Pipe & Small Vessel Screening
- Various scanning heads for multiple pipe sizes



KEY FEATURES

- Flexible heads fit a range of pipe & vessel sizes
- Rapid screening of complete pipe work
- Separate battery operated lightweight MFL Control module

HOW IT WORKS

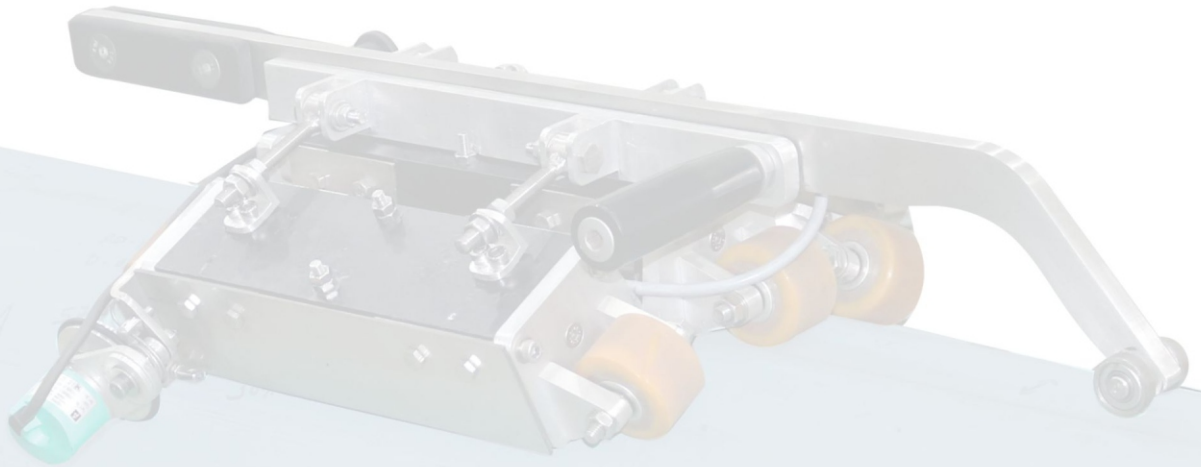
The operator first connects the sensor cable between the scanning head and control module. Switch on the control module, set the required wall thickness and adjust the alarm sensitivity using a reference pipe with known artificial defects. Then simply set up the scanning head on the pipe to be inspected, push the scanning head and monitor the control module for the audible and visual alarm.

Any areas identified by the Graffin system can then be marked on the pipe for further analysis by a secondary inspection technique.



SPECIFICATION

Principle Of Operation	Magnetic Flux Leakage
Detection Sensors	30 Nos
Method Of Propulsion	Hand Push Speed 0.5/sec (20"/sec)
Maximum Wall Thickness	15 mm (5/8")
Test Through Coatings	Yes If Non Magnetic
Maximum Coating Thickness	6 mm
Sensitivity	Adjustable
Max Sensitivity	30% Pitting in 6 mm (1/4") Wall Pipe
	40% Pitting in 12 mm (1/2") Wall Pipe
	50% Pitting in 16 mm (5/8") Wall Pipe
Connecting Cable	5 Meter Standard Length
Power Requirements	12V Battery



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