

# TUBULAR & PIPE MFL INSPECTION



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# MOTORIZED TUBULAR & PIPE MFL INSPECTION TOOL

- ATMFL automatic operated to externally scan and detect loss in wall-thickness of tubular / pipe
- Various Scanning Heads for multiple size of tubular / pipe
- ATMFL Scanning Tool uses powerful magnet to magnetize the tubular / pipe circumference while encircling the outer diameter. Arrays of MFL sensor then scan, detecting flux leakage that occurs at areas with corrosion and wall thickness loss.

## KEY FEATURES

- Flexible heads fit a range of tubular / pipe
- Rapid screening of complete tubular / pipe work
- Separate battery operated lightweight ATMFL Control module
- Motorized motion
- Battery operated no cable handling required during operation
- Wireless transmission of data



# SPECIFICATION

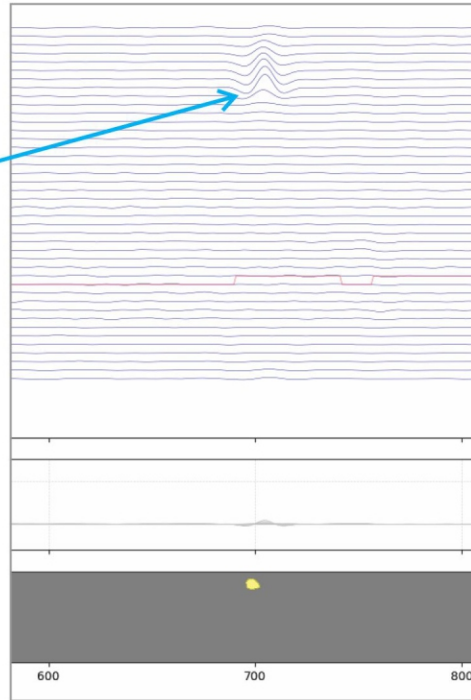
Description	Value
Principle Of Operation	Magnetic Flux Leakage
Tool Size For Tubular	2 3/8" To 6 5/8"
Tool Size For Pipe	4" to 48" Dia
Detection Sensors	Sensors are placed at a distance of 7 mm circumference
Minimum Detection	0.5mm
Wall Thickness Range	4.8 Mm To 12.7 Mm
Tool Velocity Range	0.2-0.5m/sec
Data Filter	Low Pass Digital Filter
Power Requirements	24v Battery
Connecting Cable	Wireless
Software For Data Analysis	GMAG

## DETECTION & SIZING

(As per: API Recommended Practice 5C1)

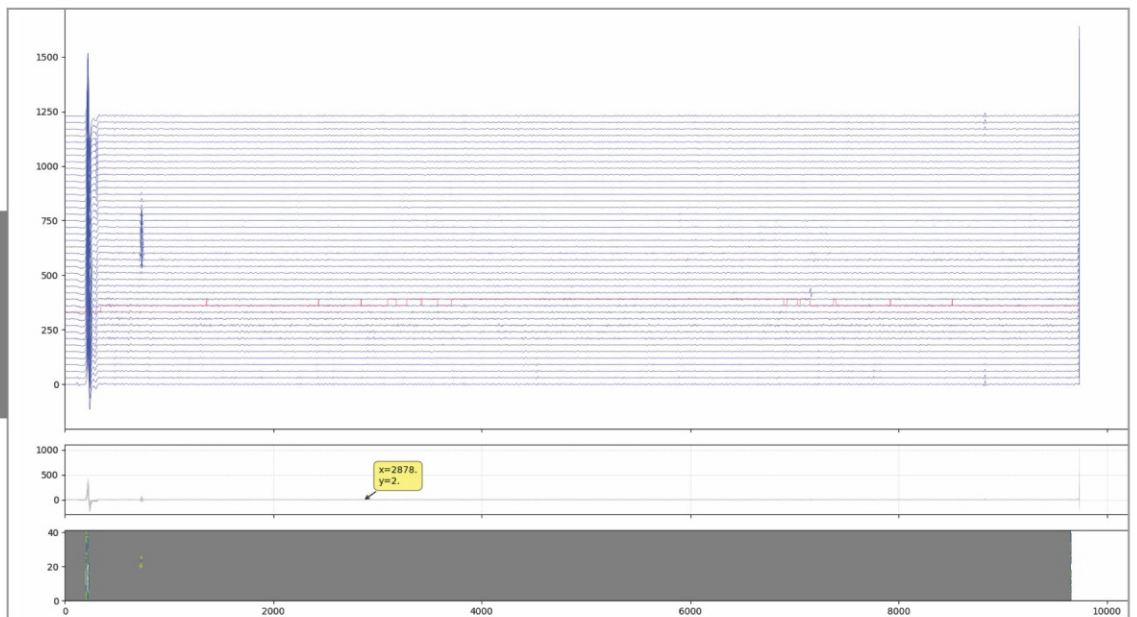
Class	Color Band	Loss Of Nominal Wall Thickness (percent)	Remaining Wall Thickness (Percent Minimum)
2	Yellow	0-15	85
3	Blue	16-30	70
4	Green	31-50	50
5	Red	Over 50	Less than 50





High Sensitivity  
enable detection  
of minor metal  
loss on tubular  
scanned by  
ATMFL tool

Easy to use  
GMAG  
Software for  
data analysis



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