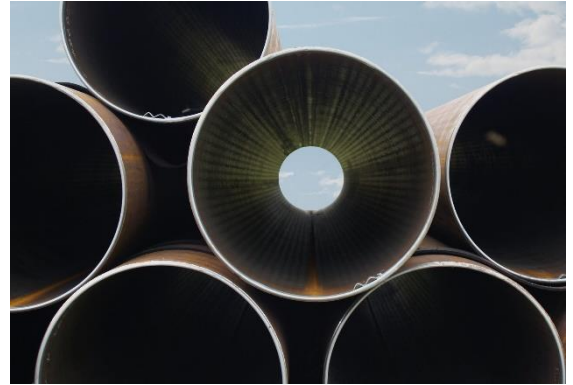
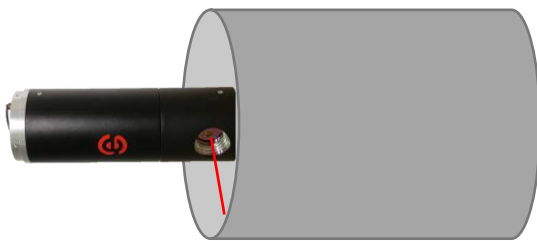


THICKNESS MEASUREMENT OF COATINGS DEPOSITED ON TUBES AND PIPES

- Fast and non destructive control
- Very compact measuring head
- High measurement repeatability
- Possibility to use an angle changing tool to measure inside narrow tubes and pipes.
- Possibility to measure tubes and pipes when they are moving or rotating in the production line
- Possible use for measuring paint, thermal spray coatings, thermoplastic coatings, galvanizing...
- Possible use for Oil and Gas, drinking water... markets
- Live communication stream of data to line controller

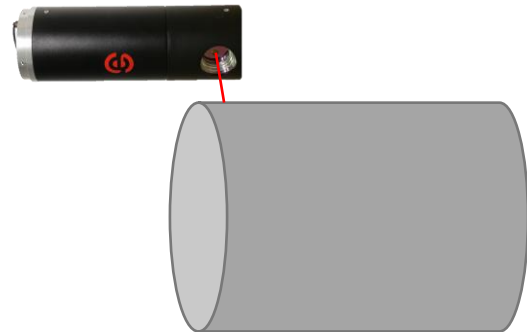


EXEMPLES OF INTEGRATIONS



The measuring head with an angle changing tool can be used to measure inside a tube or a pipe. An motorized rotation is also available to automatically measure in all directions.

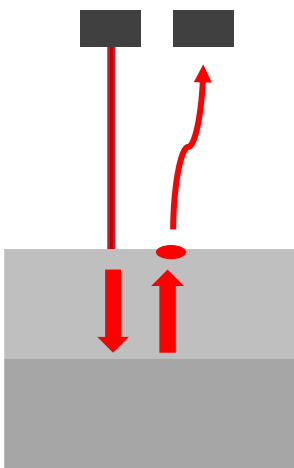
Measurement of interior coating



The measuring head can also measure the outside part of a tube or pipe

Measurement of the exterior coating

INNOVATIVE LASER MEASUREMENT TECHNOLOGY



ADVANTAGES AND SAVINGS

- Nondestructive and fast measurement allows to improve precision, gain time and increase the number of data compared to cross section and profilometer measurements.
- It also allows to optimize the quantity of paint deposited and a reduction of the weight of the parts

Dimensions of a measuring head	L120 x L66 x h66 mm
Weight of the measuring head	< 500g
Range of measurable thickness values	0 – 500 μ m
Repetition time	0,1 s
Distance between probe and part	35 mm
	5mm (angle tool)
Spot diameter	0,8 - 10 mm