





## Pipe outer diameter/roundness sensor

## Description

3D Measurement Machine is specially designed for control of geometric parameters of large diameter pipes.

The machine consists of 24 wide-range high speed synchronized laser scanners located on the outer circumference of the pipe, which makes it possible to inspect full profile of the pipe in the course of manufacturing.

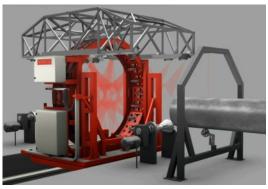
## Features

- 3D scanning of large pipes
   24 laser scanners are placed alongside the pipe
- Determination of the geometric parameters of the pipe and search for surface defects using the optic lasertriangulate method

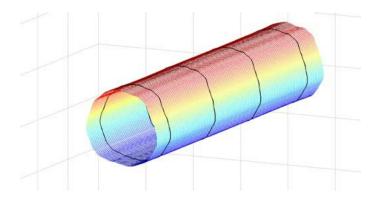


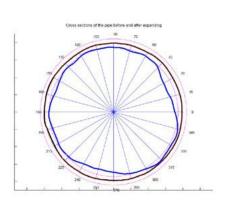
Ranges
Accuracy
Resolution
Sample rate
Interval
Output
Ø 10mm - 1500mm
O,1% typical
± 10 - 70 kHz
9600 ppr or more
ethernet (RS232/485)





Video available on request, please contact us





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The information provided herein is to the best of our knowledge true and accurate, it is provided for guidance only. All specifications are subject to change without prior notification.

Althen stands for pioneering measurement and custom sensor solutions. In addition we offer services such as calibration, design & engineering, training and renting of measurement equipment.