



A 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 laser-triangulate method

General specifications

- Ranges : Ø 10mm - 1500mm
- Accuracy : 0,1% typical
- Resolution : 0,01% typical
- Sample rate : ± 10 - 70 kHz
- Interval : 9600 ppr or more
- Output : ethernet (RS232/485)



Video available on request,
please contact us

