

simply smart.



Figure: TUBOSCAN S 200.

Optical pipe measuring system + TeZet CAD

TUBOSCAN S



Basic equipment and features

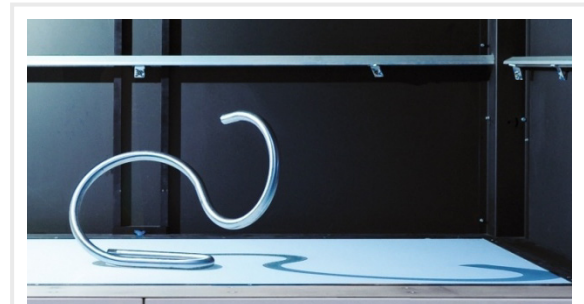
- Non-contact and precise optical measuring of pipe geometries by means of high-resolution camera technology within only few seconds
- TeZetCAD pipe measuring software with the following features:
 - Master input of x,y,z- and bending data
 - Pipe administration: loading and saving of master/measured pipe
 - Bestfit: comparison of measured pipe and master pipe
 - Bestfit enhanced: measured pipe to a coordinate point
 - Pipe orientation to the zero point within the coordinate system
 - Data table: modification of x,y,z coordinates or bending data
 - Data table: modification of bending data without end point displacement
 - Calculation of correction values for the bending machine
 - Pipe modification: reducing, splitting, connecting, inserting, ...
 - Excel reports: summary of various reports
 - Interface to PIPEFAB BE pipe bending software

Additional features and accessories

- Reversing mode, i.e. measuring of large-volume or overlength pipes, incl. software module for calculation (only TUBOSCAN S 200)
- Software module for measuring of freeform bent pipes

Models

- TUBOSCAN S 60, S 100, S 200



For determination of the pipe's geometric data TUBOSCAN S evaluates the shadow images.



TUBOSCAN S 60 for fast and precise measuring of small pipe bending parts.

Technical data	TUBOSCAN S 60	TUBOSCAN S 100	TUBOSCAN S 200
Measuring volume, approx. (LxWxH) ¹⁾	540 x 420 x 300 mm	1000 x 600 x 400 mm	2000 x 800 x 600 mm
Measurable pipes / wires	Ø > 4 mm	Ø > 4 mm	Ø > 4 mm
Camera technique, light sources	1 x CCD, 16 LED	1 x CCD, 24 LED	2 x CCD, 40 LED
Software	TeZetCAD	TeZetCAD	TeZetCAD
Dimensions, approx. (LxWxH)	860 x 740 x 1950 mm	1320 x 920 x 1950 mm	2320 x 1120 x 1950 mm
Weight, approx.	260 kg	490 kg	725 kg
Connected load	0.8 kW	0.8 kW	0.8 kW

¹⁾ The maximum measurable height depends on the pipe's position within the measuring volume

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