



The Fast Way to Measure Tubes

Minimizing Downtime, Maximizing Success

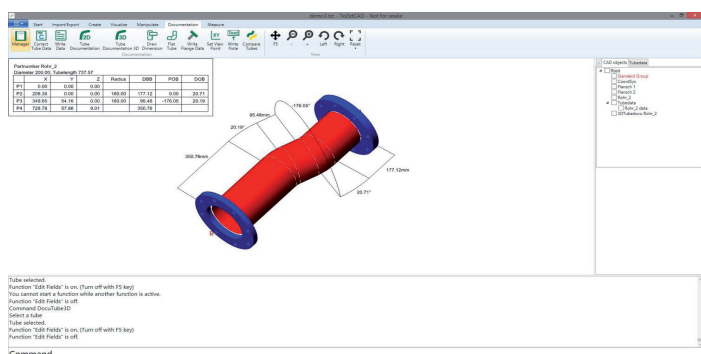
Metronor measurement systems and the piping software TeZetCAD make the perfect solution for the piping industry. Flanges and pipes can be measured quickly and easily. The CAD files that are generated and the automatically-built measurement reports make the flow of information easier than ever – data can be seamlessly transferred to the workshops.

Our special packaging makes working with Metronor products safe and simple, with the option of a transport case that can be carried as a backpack and an integrated set-up allows the user to start measuring in minutes.



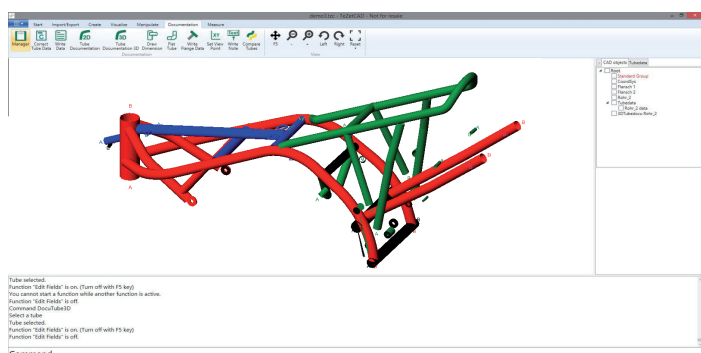
Measure Flanges and Holders,
Create Pipes On The Fly, Adjust Data

When a pipe needs replacing, the traditional method is to remove the pipe, bring it to the workshop and then perform measurements to gain information about its geometry. Metronor measurement systems operate together with software by TeZet Technik AG in order to advance the overall process and reduce the effort to a minimum. Simply measure the pipes while they are still in place and send the required data in an automatically created report to the workshop within minutes.



Metronor SOLO system

The joint approach of measuring pipes and tubes aims to acquire the data on site. There is no longer any need to take out the part to be replaced and reverse engineer it after transporting it to the workshop. Producing pipes from measurements taken on site, capturing the true environment in which they will be placed, guarantees a first time fit. Rework is a thing of the past. There is also no need to post-process the captured measurement data, as immediate results are generated.



An Impressive Solution for Piping

The measurement systems of Metronor are all built to be portable. The simple measurement principle allows our technology to be used in all general factory conditions; dust, dirt, drafts or bad light situations are no hindrance when taking measurements. A camera that observes an active light source makes the handling very intuitive and everything in the field of view of the camera can be measured.

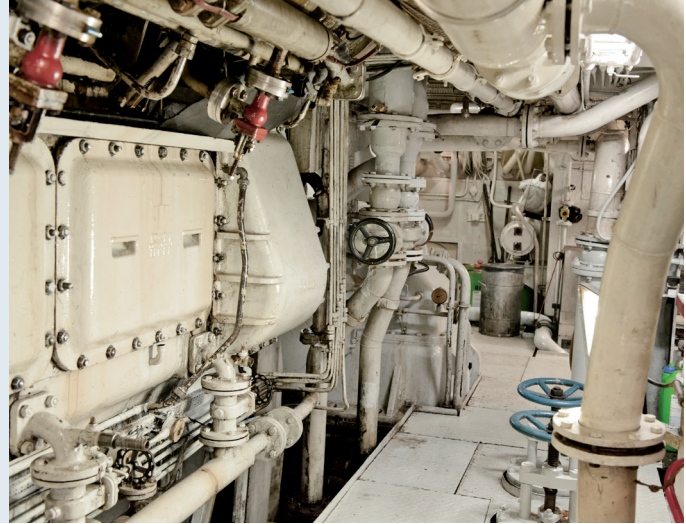
Adding the powerful software TeZetCAD to this technology results in an ideal system to measure pipes and flanges on-site. Using TeZetCAD, it takes a matter of minutes to capture the 3D information of pipes and their connections. A guide function gives real-time instructions to make the handling simpler than ever before. CAD data is created on the fly and automatic documentation is handled in the background.

Metronor

Portable Piping Solutions

Improved Quality in a Challenging Environment

- Truly mobile technology
- Large-volume measurements
- Hardware made from carbon fiber
- Software with guidance function
- Fast results
- No preparation of measurement objects



About Metronor

Metronor is a privately held ISO 9001 certified high technology company headquartered outside Oslo, Norway. Metronor has developed a range of high accuracy, large volume, portable electro-optical coordinate measuring systems that provide excellent return on investment for customers, as well as facilitate a highly efficient dimensional management of manufacturing processes.

Metronor's Industrial Systems Business Unit

Metronor's range of portable coordinate measuring machines and scanning systems offers the best measurement capabilities, high accuracy, large measurement volumes, reliability and robustness.

Over 600 leading companies around the world use our systems, confirming our multi-application capabilities on a daily basis.

All Metronor systems share common core components that can be extended over the lifetime of the system. For this reason our systems always adapt to the requirements of our customers.

For more information: www.metronor.com



About TeZet Technik AG

TeZet-Technik AG are a small Swiss software company based in Döttingen, directly on the German border.

With a long-standing, young and experienced customer-oriented team, as well as various software programmers, TeZet-Technik AG have specialized in the measurement of pipes, flanges and attachments on the pipe with its pipe measuring software TeZetCAD. Another important point of their "Lifetime" software is correcting the bending machines to help the user save time and material.

Well known by its pipe measuring capabilities, the TeZetCAD software is continuously being developed and adapted to the requirements of the market.

For more information: www.tezet.com

