ROMER Absolute measuring arm + TeZet CAD

TUBOSCAN
ROMER Absolute coordinate measuring arm (series 73 / 75)

- Measuring arms are optionally available with pipe measuring fork, tactile probes, integrated scanner (SI) or external scanner (SE)
- Measuring range differs from 1.5 to 4.5 m (depends on the model)
- Carbon fiber structure combines extreme stability with an utmost lightweight design of the measuring arm
- Absolute encoders allow for “plug & measure”, no referencing, initialization or warm-up times necessary
- Automated probe recognition for quick and easy exchange of the probes, no re-calibration, probe selection or tools required
- Smart Lock allows for comfortable and safe locking of the arm in its idle position or in any intermediate position
- User-friendliness and operational safety due to infinite rotation of the principal axes
- Sophisticated counterbalance design for fatigue-proof operation
- Feature packs extend the arm’s functions the easy way and enable battery operation, laser scanning, WIFI communication, …

Technical data
⇒ according to the actual product specifications (data sheet) for the ROMER Absolute measuring arms of Hexagon Metrology

TeZetCAD pipe measuring software

- The tried-and-tested special software for pipes, developed by TeZet, provides several measuring systems and methods, e.g.
  - portable measuring arms (measuring by tactile probes, infrared pipe measuring fork, laser-line measuring or laser scanning)
  - optical pipe measuring systems (TUBOSCAN S)
  - probe-based coordinate measuring systems (METRONOR)
- Software pack contains more than 100 useful functions for measuring and determining of pipe courses as well as for processing, import, export or documentation of pipe data
- High cost-benefit optimization: several software packs with a different functional range available (depending on the application)
- Modular design: single functions or interfaces can easily and anytime be added to each software pack, if required
- Software provides measuring and documentation of “standard-bent” pipe courses (with a specific bending radius) as well as “freeform-bent” pipe courses
- Very good operability and user-friendliness by means of completely menu-guided surfaces
- Strong hotline and online support

TeZetCAD: Shape and position tolerances.

TeZetCAD: Drawing with pipe dimensions.