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

### Technical data

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

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

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