SoniCon – SL / MV

Measuring – Inspection – Monitoring with ultrasonic in plastic pipe extrusion

SoniCon SL / MV is a worldwide approved ultrasonic measuring and inspection system for the control of pipes in hot area.

The measuring is carried out with static ultrasonic sensors behind the calibration sleeve. This technique is very efficient for the quality assurance and saving of material.

At the measuring position the extruded plastic pipe has a very equal temperature distribution which is ideal for the ultrasonic signal evaluation.

The measuring chamber type MV is flange mounted at the front side of the vacuum tank.

The adapter which supports the calibration sleeve can be swivelled and corresponds to the length of the calibration sleeve.

The threaded flange of the calibration sleeve has the dimensions of the vacuum tank flange in order to allow the use of already existing calibration sleeves without any rebuilding.

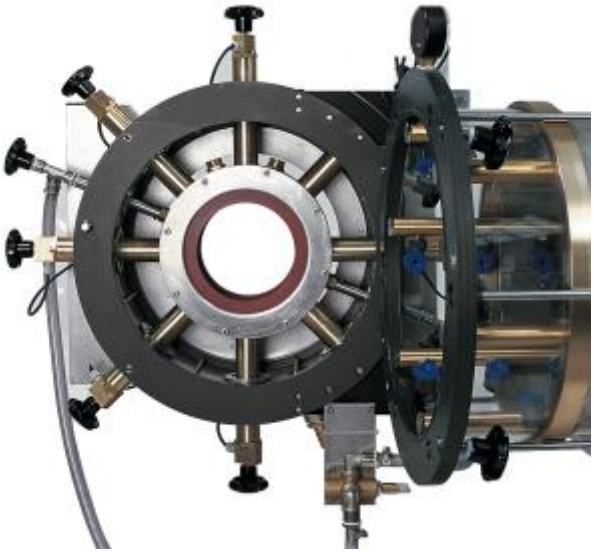
The sensor tubes are required for centering of the measuring ring that defines the water distance.

Special features

- **The perfect start-up aid e.g. for pipe centering**
- **Very low changeover time**
- **Fast regulation**
- **High resolution in hot plastic**
- **Easy handling**
- **Saving of material**
- **No moving elements**
- **Wear and maintenance free**
- **Available up to dimension DN 630 mm**
- **Excellent cost/performance ratio**

SoniCon – SL / MV

- Technical data -



The measuring chamber type MV is flange mounted at the front side of the vacuum tank.

The adapter which supports the calibration sleeve can be swivelled and corresponds to the length of the calibration sleeve.

The threaded flange of the calibration sleeve has the dimensions of the vacuum tank flange in order to allow the use of already existing calibration sleeves without any rebuilding.

The sensor tubes are required for centering of the measuring ring that defines the water distance.

TYPE	MV-125	MV-160	MV-250	MV-315	MV-400	MV-500	MV-630
D1, min. pipe Ø	20	32	32	50	63	110	110
D1, max. pipe Ø	125	160	250	315	400	500	630
D2	395	425	515	580	760	840	1030
D3	595	650	800	950	1100	1300	1460
number of sensors	4 / 6 / 8	4 / 6 / 8	4 / 6 / 8	4 / 6 / 8	6 / 8	8 / 12	8 / 12

Subject to technical changes