

The new **CENTERWAVE 6000**

for tube diameters from 32 to 250 mm



— The new CENTERWAVE 6000/250

Precise dimension measurement and control

Until now, millimeter wave technology from SIKORA was mainly known for measuring larger pipes. To enable the measurement of smaller tubes, SIKORA has developed the CENTERWAVE 6000/250.

The new model is designed for tube diameters from 32 to 250 mm. Therefore, tubes with wall thicknesses from 1.6 mm can be measured with extremely high accuracy. The measuring head automatically adjusts to the position of the tube, which guarantees centering in the measuring field.

The CENTERWAVE 6000/250 completes the CENTERWAVE product family, which now consists of six models covering a diameter range from 32 to 1,600 mm.

The benefits of the CENTERWAVE systems

- Continuous 360° measurement: no gaps over the complete circumference and in longitudinal direction of the pipe – 100 % coverage
- “One-button operation”: simple operation of the system with the push of a button and without calibration
- Fast measurement: all product dimensions available directly after the vacuum tank
- Automatic control to the minimum wall thickness: guarantees material savings and increased productivity
- Dynamic Shrinkage Prediction and Dynamic Sagging Compensation optionally available: for an exact prediction of the final pipe dimensions already after the vacuum tank
- Impressive payback: typical ROI (Return on Investment) in less than six months

Your personal benefits

By using the CENTERWAVE 6000, you can center quickly and avoid unnecessary start-up scrap. In addition, nominal dimensions are adhered to, which enables the reduction of safety margins. This way you guarantee the highest quality of your product and at the same time ensure the optimum economic efficiency of your extrusion process. An investment that pays off!



Specifications – the new CENTERWAVE 6000/250 at a glance

Measuring range	Min. wall thickness	Accuracy	Repeatability	Measuring rate	Interfaces (optional)
32 to 250 mm	≥ 1.6 mm	10 µm	1 µm	370 Hz	USB, LAN, OPC UA, analog, industrial fieldbus (e.g. Profinet IO, EtherNet/IP, CANopen, DeviceNet)

Technical data is subject to change

