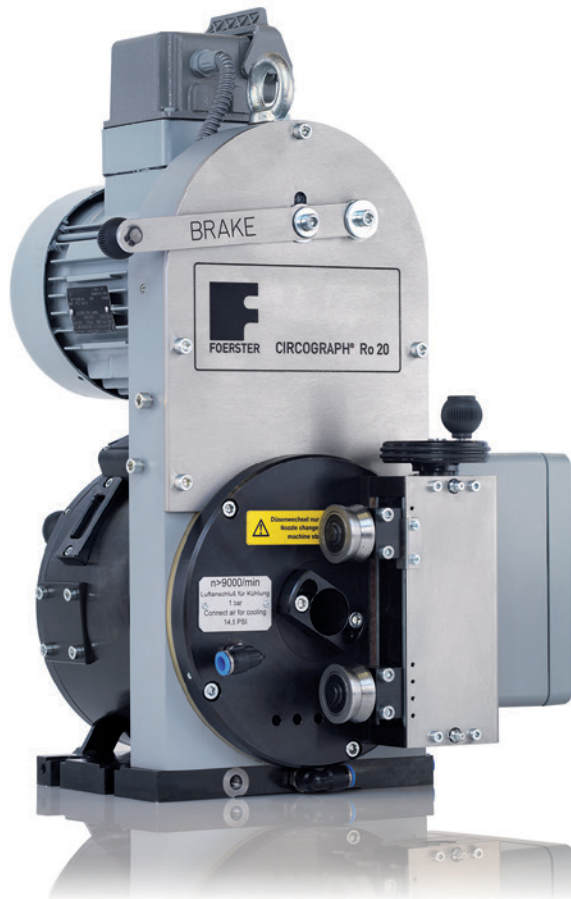


CIRCOGRAPH Ro 20 F

Rotating Sensor System with 4 Sensors



The new sensor system for the CIRCOGRAPH

With the Ro 20 F rotating head, FOERSTER is expanding the existing product portfolio of the CIRCOGRAPH with a powerful four-channel sensor system. Specifically designed for pipes, rods and wires with a small material diameter of 2 mm – 20 mm, the Ro 20 F provides a sensitive detection of longitudinal defects in the material surface. For example, defects with a depth of approx. 30 µm can be displayed in their full length and with high resolution.

High throughput for greater economy

Especially for applications where a high throughput performance is expected, the new Ro 20 F rotating head from FOERSTER is the ideal solution. This includes the rewinding of pipes, for example in the production of copper pipes or the drawing of wire. The four sensors, which are offset by 90°, increase the throughput to 6 m/s and thus significantly increase production. Due to the same center height as the existing sensor system Ro 20, a simple and fast exchange of the sensor system in the test line is ensured.

Convincing advantages

- Sensitive detection of longitudinal surface defects
- Rotating sensor system designed for a material diameter of 2 mm – 20 mm
- For testing ferromagnetic, austenitic and nonferromagnetic round material (pipes, rods, wires)
- Sensor system consisting of four sensors offset by 90°
- Test heads available with 1.5 mm / 2.5 mm / 5 mm spur width (analogous to sensor system Ro 20)
- Doubling the throughput to 6 m/s with a spur width of 5 mm compared to other sensor systems
- Modular design allows easy replacement in existing lines

For a comprehensive consultation on the use of the sensor system Ro 20 F in your production line, please contact us.

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