

# AUREX ERS

HIGH-PRECISION ULTRASONIC MEASURING SYSTEMS



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## GENERAL FEATURES

- Detailed product information (wall thickness, diameter, excentricity, ovalness)
- Continuous check on adherence to product specification
- Process automation based on control of wall thickness, thin points, diameters, weight per meter and mass throughput\*
- Material savings of up to 5 %
- 100 % wall thickness measurement for pipe dimension up to 630 mm diameter
- Electronic rotation of up to 16,000 r.p.m.
- Signal evaluation of vertical and angular signals reflected by the pipe based on activation of adjacent sensors
- Highest measuring resolution and identification of minor production variations
- Integrated self-diagnosis and optimum adaption to varying measuring tasks
- Identification of co-extruded layers as soon as they are physically identifiable by ultrasound



 MADE IN GERMANY

Type	No. of sensors	Pipe dimensions [mm/inch]	Extended measuring range [mm/inch]
ERS 32	18	1 – 32 0.039-1.259"	-
ERS 63	24	10 – 63 0.393-2.480"	-
ERS 125	36	10 – 125 0.393-4.921"	-
ERS 160	30	32 – 160 1.259-6.299"	-
ERS 250	36	40 – 250 1.574-9.842"	-
ERS 400	36	225 – 400 8.858-15.748"	90 – 225 3.543-8.858"
ERS 630	72	250 – 630 9.842-24.803"	90 – 250 3.543-9.842"

\* in combination with iNOEX gravimetric systems