

iXRAY

X-RAY TECHNOLOGY



MADE IN GERMANY



iNOEX
INSPIRE BEYOND MEASUREMENT

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GENERAL ADVANTAGES

- Measurement of wall thickness distribution, inner and outer diameter, ovality and eccentricity
- Up to 6 wall thickness values on tube or hose circumference
- Up to 3 diameter axes at 120° angle
- Up to 3 X-ray tubes
- High repeatability
- High precision X-ray tubes with anode voltage up to 60 kV
- Integrated active air conditioning
- Use of X-ray shields reduces scattered radiation to a minimum
- Compliance with all national and international standards
- Non-contact measurement, no sealing and no dimension-dependent accessories
- Unique hermetic separation of product and measuring area
- No cooling water, dirt or dust can get to the measuring technology

- Safety PLC as standard
- 21" web-based touch operator terminal with intelligent operator guidance
- Process optimization through live trend data view
- Industry 4.0-capable through OPC-UA interface

Extensions and options

- S-min control
- Thermal/mechanical die head centering
- Foldable radiation protection tubes
- Air shower
- Tube guide
- Mass throughput control*
- Weight per meter control via haul-off/extruder*
- Thin point control*
- Ramp function*

* in connection with iNOEX gravimetric system

Type	Axes	Measuring range [mm/inch]	Dimensions [mm]	Field of view [mm/inch]	Aperture [mm/inch]	Repeatability [µm]	X-ray voltage [kV]	Min. wall thickness [mm/inch]
iXRAY 16	optionally 2 or 3	1-16 0.039-0.629"	1850 x 526 x 740	23 0.905"	45 1.771"	3**	up to 60	0,1 0.003"
iXRAY 32		5-32 0.197-1.259"		50 1.968"	100 3.937"	5**		0,3 0.011"
iXRAY 63		6-63 0.236-2.480"		80 3.149"	100 3.937"	10**		0,3 0.011"

Power supply

Mains supply: 100-240V AC
Frequency: 50-60 Hz

Total rated current: 9.65-5.65 A
Max. back-up fuse: 20 A

Application range

Pipes: PE, PA, aluminum composite, PVC
Hoses: PTFE, silicones, rubber

** Depending on material and application. For a specific application area, the respective data will be specified in detail.

DIMENSIONS

in mm [inch]

