

Discover all our Digital Radiography solutions

CP120B & GO-SCAN 1510 XR

**Best portable solution to reach
Class B* with small thicknesses**



*ISO17636-2



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Equipment

GENERATOR



CP120B

**Focal spot:
0,8 mm**

DETECTOR



Go-Scan 1510 XR

**Resolution:
49,5 μ m**

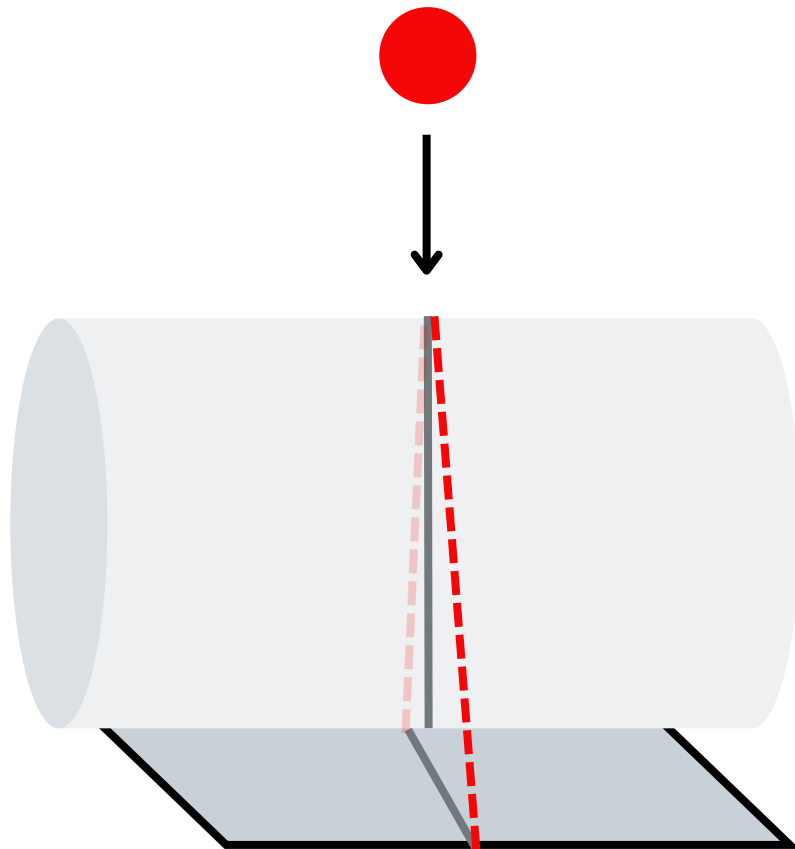
FFD = 300 mm



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Technique & material

Superimposed technique



Steel pipe:

- 50 mm (OD)
- Single wall thickness: 1.5 mm



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Class B (ISO 17636-2)

Class B
validated

Wire pair	Spatial resolution (µm)	Modulation dip (%)
D1	800	97,7
D2	630	98,0
D3	500	96,6
D4	400	95,4
D5	320	93,5
D6	250	89,5
D7	200	83,0
D8	160	76,6
D9	130	62,4
D10	100	53,5
D11	80	35,4
D12	63	11,1
D13	50	2,0

iSRb = 66,1 µm
SRb = 63 µm

Class B (ISO 17636-2)

Required:

- SRb of 50 μm (D13)
- W17 visible
- SNR : 168*

Achieved:

- **SRb of 63 μm (D12)**
- **W18 visible**
- **SNR : 353**



Class B validated thanks to the compensation principle.

*Requested SNR for class B between 50 & 150 kV is 120 (+40% in HAZ)



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solutions ?**

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