

CP225D & Go-Scan 3025

The portable solution for all your NDT applications

Equipment

Generator



CP225D

Focal spot: 3 mm

Detector



Go-Scan 2325

Resolution: 120 μ m

FFD: 700 mm

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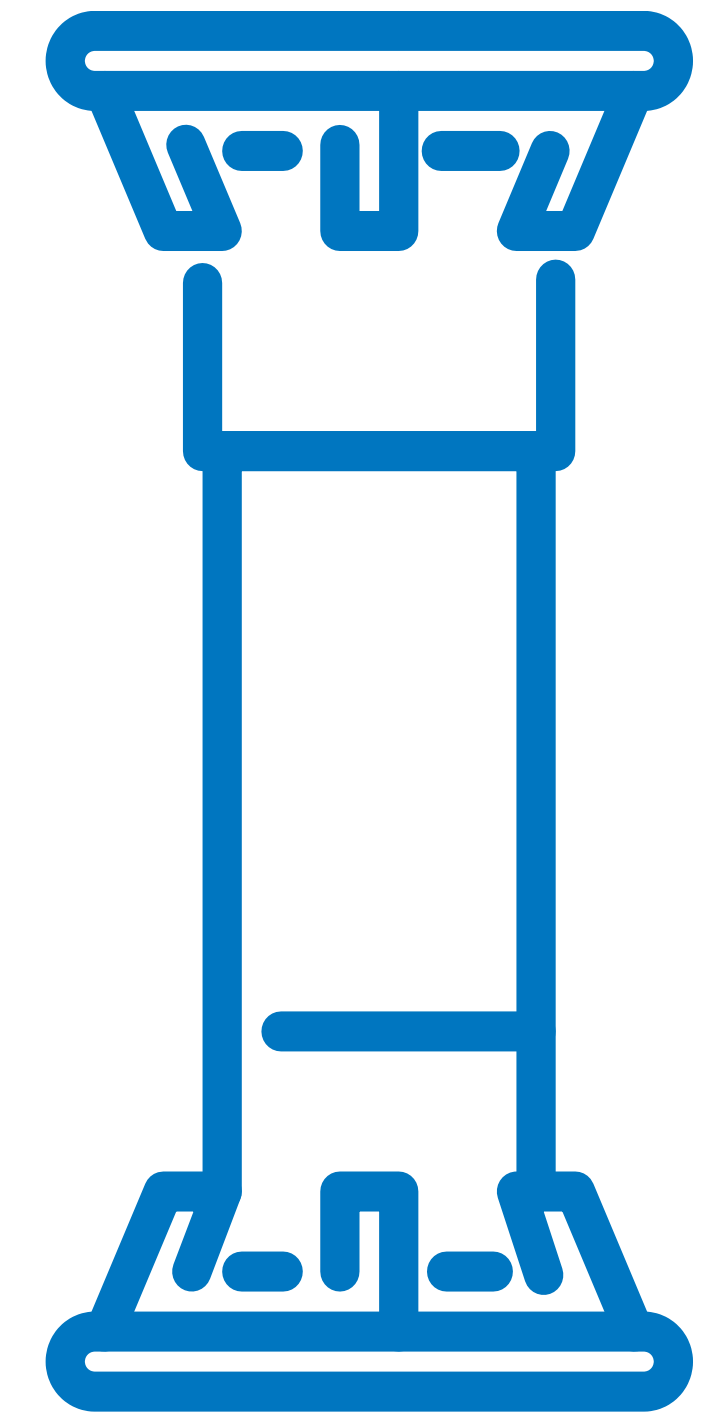
Material & Shooting settings

MATERIAL:

- Steel pipe
- 90 mm (OD)
- Single wall thickness: 8 mm

SHOOTING SETTINGS:

- 225 kV
- 4 mA
- 3.5 sec integration time
- 5 frames

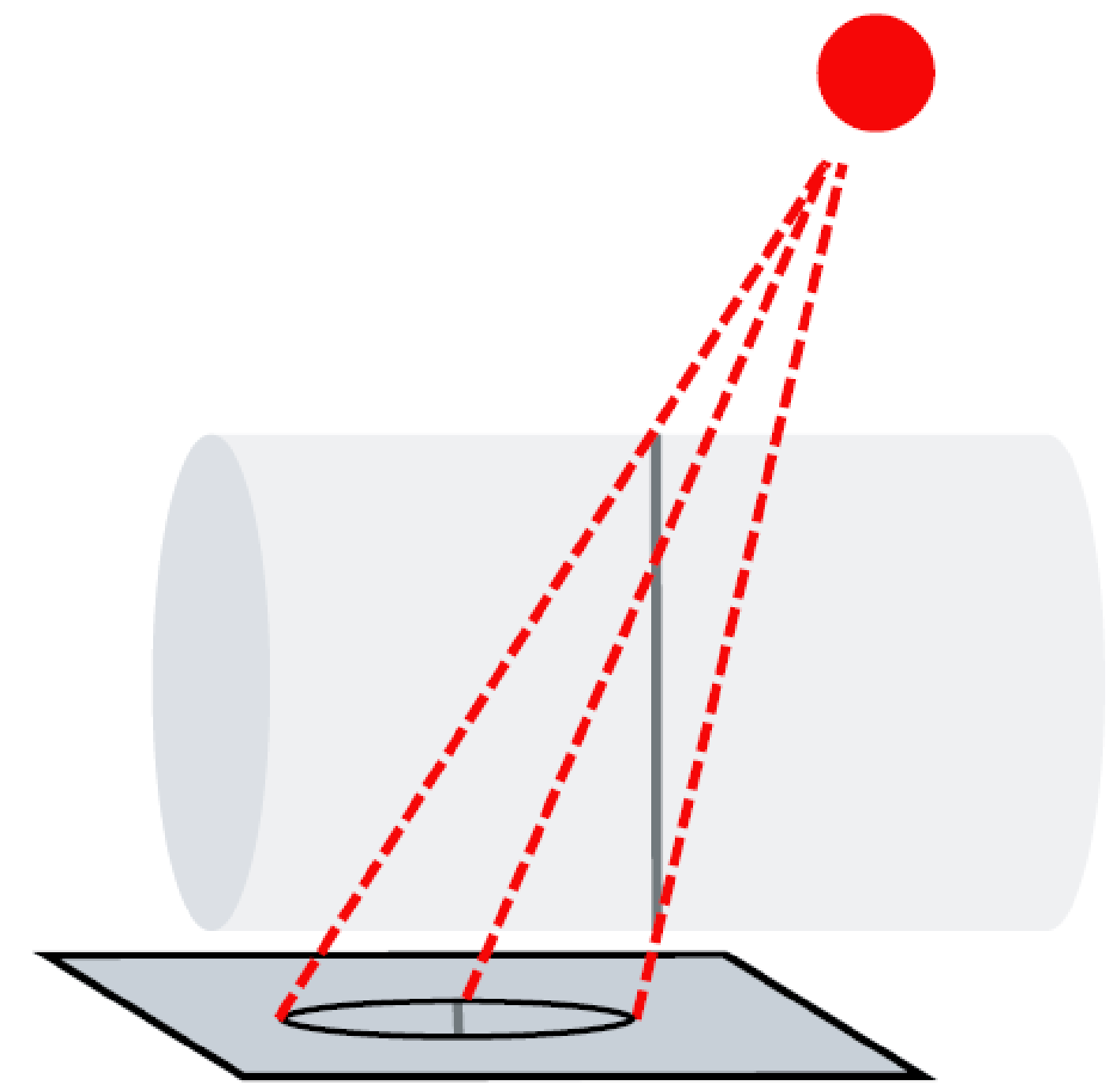


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Technique

Double wall double image ellipse technique



10 FE ISO

Class B
validated

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Class B (ISO 17636-2)

Required:

- SRb of 100 μm (D10)
- W13 visible
- SNR : 140*

Achieved:

- SRb of 130 μm (D9)
- W15 visible
- SNR : 196

 Class B validated thanks to the compensation principles.

*Requested SNR for class B between 150 & 250 kV is 100 (+40% in HAZ)