



Pro-RF CDR

02-402



The phantom for evaluation of imaging performance of radiographic systems. It allows **wide-range low-contrast and high-contrast resolution evaluation and sensitometric measurements.** Available in standard layout plus any custom configuration.

Technical data (can be modified to customer specifications):

- diameter: 180 mm
- thickness: 10 mm
- 3 circular rims on the outside of the phantom (Ø: 150, 160 and 170 mm) for geometry and collimation check
- 17 low-contrast objects, 11mm in diameter, producing contrast values from 0.2 to 7.5%
- 17 small high-contrast objects, 0.5 mm in diameter, producing contrast values from 3.9 to 95.4%
- 10 sensitometric measurement point details, 5.6 in diameter, producing contrast values from 0.11 to 1.0
- pattern for line pair resolution evaluation (from 0.5 to 14.3 LP/mm)
- 1.0 and 0.5 mm high purity Cu attenuation filters (fits to the diaphragm housing)
- compact carrying case

Product features:

- Complies with:
 - IEC 61223-3-1
 - IPEM Report 91 (2005): Recommended Standards for the Routine Performance Testing of Diagnostic X-Ray Imaging Systems published by the Institute of Physics and Engineering in Medicine
- the Manual provides detailed guidelines for carrying out each test, results assessment and registration