

# Pro-Euro

03-101



Pro-Euro phantom is used for **monitoring technical parameters** of mammography imaging systems according to the requirements of the „**European Guidelines for Quality Assurance in Mammography Screening**” and IEC 61223-3-2:

- optical density in the reference point
- spatial resolution
- dynamic range – image contrast
- threshold contrast visibility
- effective radiation field
- film processing
- automatic Exposure Control

## Technical data (can be modified to customer specifications):

- dimensions: 182,5 x 245 x 45 mm
- additional 20 mm PMMA plate
- reference point (60mm from the thorax side)
- pattern for line pair resolution evaluation (from 1.5 to 20.0 LP/mm) perpendicular and parallel to the thorax side
- 10-step aluminium wedge
- 8 low contrast objects
- markings (graduations) for assessment of the effective radiation field
- space covered with brass for sensitometric measurements
- area for the measuring chamber of the automatic exposure timer

## Product features:

- complies with:
  - IEC 61223-3-2
  - “European Guidelines for Quality Assurance in Mammography Screening”
- the Manual provides detailed guidelines for carrying out each test, results assessment and registration