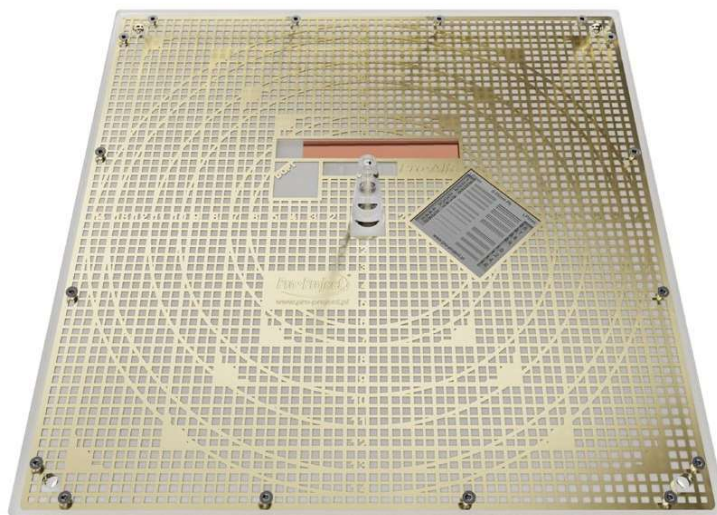




# Pro-Alpha

02-101



The Pro-Alpha phantom can be used for carrying out **acceptance and constancy tests of conventional radiography X-Ray units**.

## With the Pro-Alpha phantom, you can do the following tests:

- collimation / beam alignment
- position and size of the effective radiation field
- dynamic range
- spatial resolution
- contrast resolution
- image quality (distortion in fluoroscopy)

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

- dimensions: 300 x 300 x 10 mm
- brass mesh pattern (5mm scale) embedded in PMMA
- 7-step copper wedge
- 4 low contrast elements
- markings to determine the size and position of the effective radiation field
- pattern for line pair resolution evaluation (from 0.6 to 5.0 LP/mm)
- cone for the perpendicular X-Ray beam control in the range of  $0^\circ \div 1.5^\circ$

## Product features:

- complies with:
  - IEC 61223-3-1
  - DIN 6868/3 and DIN 6868/4
- the Manual provides detailed guidelines for carrying out each test, results assessment and registration