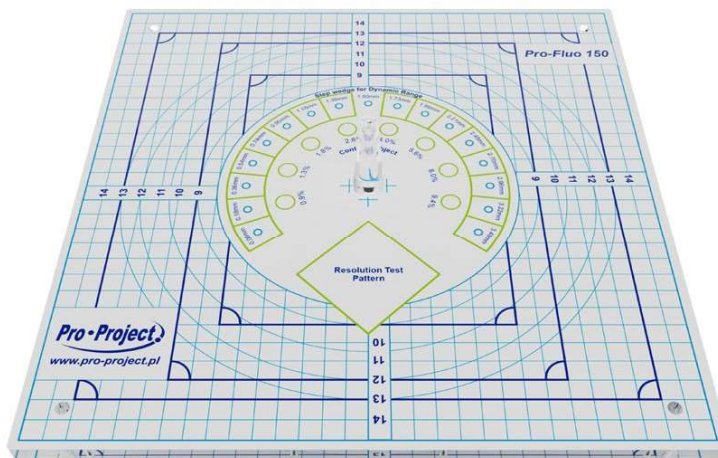




# Pro-Fluo 150

02-115



**The Pro-Fluo 150 phantom** is dedicated for acceptance and constancy tests of radiography and fluoroscopy equipment **according to the new DIN 6868-150 standard**

### It can be used to measure:

- collimation/beam alignment
- position and size of the effective radiation field
- dynamic range
- spatial resolution
- contrast resolution
- homogeneity
- beam quality

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

- dimensions: 310 x 310 x 18,5 mm
- 1.5 mm thick copper plate with mesh pattern embedded in PMMA
- total PMMA thickness 17 mm
- 17-step copper wedge (thickness 0.0 mm to 3.48 mm) with additional low contrast details (4mm diameter)
- 8 low contrast elements (10 mm diameter)
- pattern for line pair resolution evaluation (from 0.6 to 5.0 LP/mm)
- markings to determine the size and position of the effective radiation field
- cone for perpendicular X-Ray beam control in the range of  $0^\circ \div 1.5^\circ$

### Product features:

- complies with:
  - IEC 61223-3-1
  - DIN 6868-150
- the Manual provides detailed guidelines for carrying out each test, results assessment and registration