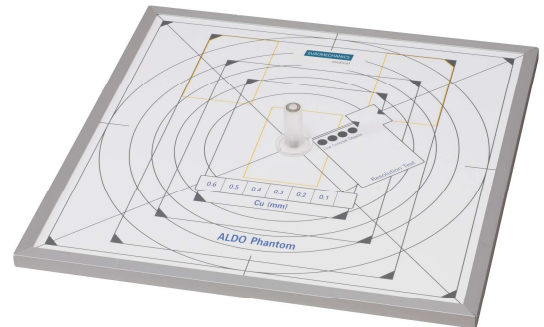


## QUALITY ASSURANCE FOR ANALOGUE RAD/FLU

### Image Quality Phantom for analogue Rad/Flu: ALDO

#### Key features:

- Specifically developed for analogue Radiography and Fluoroscopy in accordance with IEC 61223-2-1/-9/-11 and German Standard DIN 6868-3, -4
- Suitable for QA at all analogue X-ray units
- Including small, screwable centering tube
- Structured body for evaluation of several image quality parameters:
  - Control of dynamic range  
Dynamic Cu step wedge, 7 steps ascending  
0.00, 0.10, 0.20, 0.30, 0.40, 0.50, 0.60
  - Low contrast resolution  
4 low contrast objects with depths  
1.00, 1.50, 2.00 and 2.50 mm  
Thickness of PMMA plate: 3 mm
  - High contrast / spatial resolution  
Linepair test, 0.6 – 5.0 lp/mm (type 38)  
45° rotated
  - Field for checking optical density
  - Alignment of light field & useful beam field
  - Marks for adaption to different cassette sizes  
35 x 35 cm and 24 x 30 cm
  - Center rings for different image intensifier sizes
  - Check of perpendicular beam by small, screwable centering tube
  - Centimeter scale
  - Check of definition by diagonal grid



#### ALDO phantom, facts / delivery scope:

- Image Quality Phantom ALDO incl. centering tube
- Weight 0.8 kg – dimensions 280 x 280 x 10 mm
- Order number: 10003

#### Required / recommended accessories:

- 25 mm Aluminum pre-attenuator ALMA - Order number: 10002
- STAND – for ALDO phantom – Order number: 10005

and, recommended for more detailed evaluation of the perpendicular beam:

- Beam alignment test tool BENO – Order number: 10011

#### Relevant standards/regulations:

IEC 61223-2-1/-9/-11 and German Standard DIN 6868-3, -4