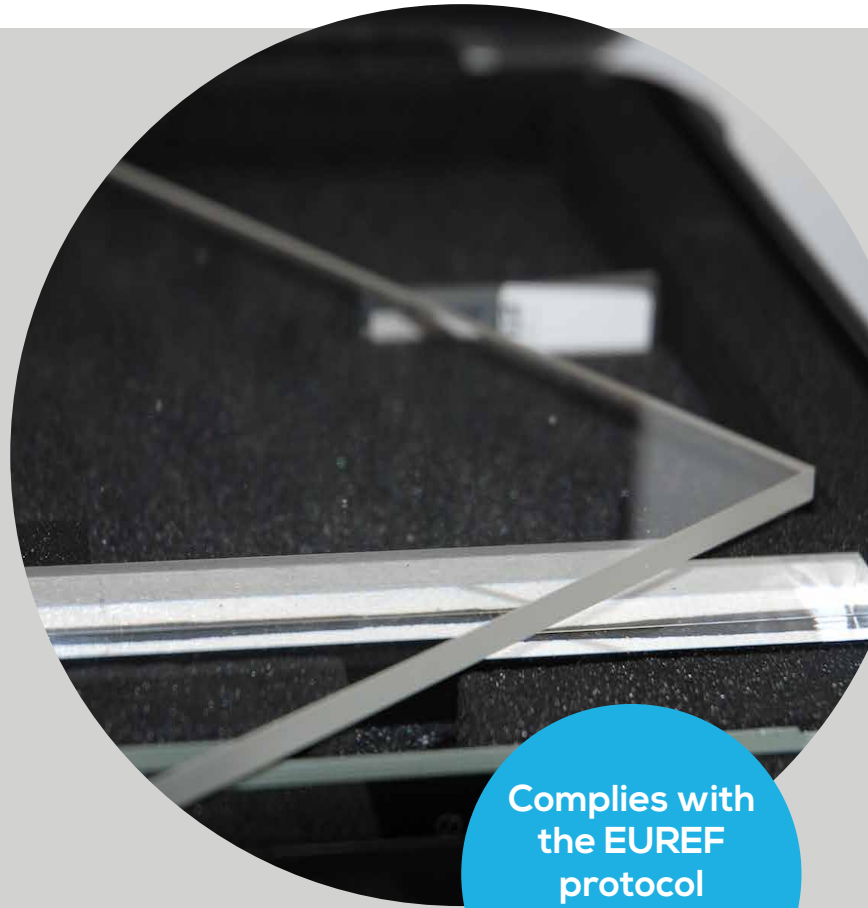


# EU DBT TEST SET (TOMO)

A test Set for Digital Breast Tomosynthesis systems. Currently the first Digital Breast Tomosynthesis (DBT) systems are introduced on the market. A protocol for the Quality Control of the Physical and Technical Aspects of Digital Breast Tomosynthesis has been released by EUREF ([www.euref.org](http://www.euref.org)). Together with the CDMAM phantom the DBT Test Set complies with all phantom requirements in order to execute the EUREF protocol.



Complies with  
the EUREF  
protocol  
for the quality  
control.

## Elements

- Z-resolution phantom: PMMA plate of 320 x 260 x 5 mm with 25 embedded aluminium spheres of 1 mm
- Homogeneous Phantom: Standard 45 mm thick PMMA block 320 x 260 x 45 mm thickness tolerance +/- 0.1 mm polished and specially machined for extreme flatness
- Slabs: 7 x PMMA plate 320 x 260 x 10 mm thickness tolerance +/- 0.1 mm polished and specially machined for extreme flatness
- Slabs: PMMA plate 320 x 260 x 5 mm thickness tolerance +/- 0.1 mm polished and specially machined for extreme flatness
- Stainless steel plate 320 x 260 x 3 mm
- NPS Attenuator: Aluminium plate 200 x 200 x 2 mm thickness tolerance  $\pm 0.05$  micrometer
- MTF tool of Stainless steel: 120 x 60 x 0.8 mm, 50 micrometer rectangular edge
- 8 Sheets of aluminium foil: 100 x 100 x 0.1 mm
- SDNR Sheet: Aluminium foil 10 x 10 x 0.2 mm, thickness tolerance  $\pm 2$  micrometer
- 4 pcs X-ray ruler: from 5 cm to -5 cm, scale 1 mm
- PMMA Spacers:
  - 2 pcs: 180 x 15 x 10 mm
  - 2 pcs: 180 x 30 x 30 mm
- 7pcs PMMA plates: 40 x 20 x 2 mm
- 5pcs EU Foam: 240 x 180 x 50 mm
- Tungsten Wire thickness 25 micrometer, length 1 m
- Strong and sturdy storage case (Peli Case)

