

Pro-MAM CESM

03-701



Pro-MAM CESM Phantom is used for Image Quality Evaluation of Contrast-Enhanced Digital Mammography systems.

The phantom demonstrates the presence and absence of iodine in tissues by containing different iodine concentrations and non-iodine breast tissue substitutes. The Pro-MAM CESM represents an average human breast in size and shape.

Product highlights:

- daily and routine QC
- tests performance and stability of CESM
- contains clinically relevant iodine concentrations
- represents both dense and fatty breasts
- background provides clinically relevant challenge for target detection

Technical data (can be modified to customer specifications):

- thickness 55 mm
- top and bottom layer 10 mm adipose tissue
- middle layer 25 mm 50% adipose tissue and 50% glandular tissue
- breast tissue 10 mm with iodine targets

Product features:

- complies with:
 - Klausz, R, et al. Introduction of a Comprehensive Phantom for the Quality Control of Contrast Enhanced Spectral Mammography. 2018. Poster No.: ECR 2018, DOI: 10.1594/ ecr2018/C-2647

Pro-MAM CESM phantom (03-701, Pro-Project) allows to carry out the same tests and evaluations as CESM phantom (Cirs), as per the attached statement.