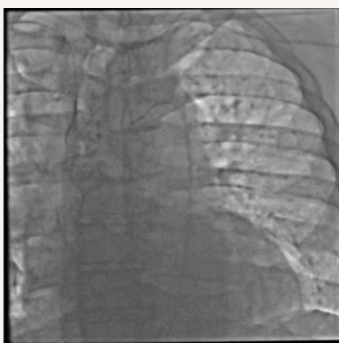




PRODUCT DESCRIPTION

Our clinically validated x-ray test plates consist of 3 cm-thick plates that can be imaged to visualise accurate x-ray replicas of patient-derived images or artificial radiographic scenes. The plates can be imaged on their own or used as a background to other x-ray phantoms to create a highly realistic radiographic simulation environment. They are ideal for demonstrating x-ray systems, testing new software, settings, or AI, while reducing the need to expose volunteers and staff to x-rays in research settings.



X-Ray Test Plates

Patient-derived or artificial radiographic scenes

KEY FEATURES

- ✓ Compatible with 2D x-ray (radiography & fluoroscopy)
- ✓ Patient-derived or artificial 2D x-ray scenes
- ✓ Customisable radiographic scene
- ✓ Easy to deploy and practical to use
- ✓ Can be paired with other X-ray phantoms

WHAT CAN BE PRACTISED

- Test x-ray software and AI
- Compare x-ray machine settings
- Imaging equipment training and demos

TRAINING SETTINGS

- Research laboratories
- X-ray system demonstrations
- Radiographer training
- Catheterisation laboratories

EDUCATIONAL VALUE

- Reduces reliance on staff or volunteers for training and R&D
- Repeatable scene for software and setting comparisons, including AI
- Adds realistic backgrounds to other X-ray phantoms

TECHNICAL SPECIFICATIONS

Thickness: 3 cm

Maximum dimensions: 20 × 20 cm

Weight: ~750 g typical; approximately 500–1000 g

Imaging: 2D X-ray

Compatibility: Radiography and fluoroscopy

Scene: Customisable patient-derived or artificial radiographic image on request.

INTENDED TRAINING APPLICATION

- X-ray software testing
- X-ray AI testing
- X-ray machine demonstrations
- Comparison of imaging settings
- Staff training
- Background imaging for other X-ray phantoms
- Patient-like radiographic simulation

USAGE AND LIFESPAN

EASY LOGISTICS

LOW MAINTENANCE

The plates are designed to be thin and relatively light; they are made of plastic and do not expire

EASY TO USE

PLACE AND SCAN

The plates can be directly imaged with no additional preparation. Markings on the side indicate correct placement.

CUSTOM-MADE

ARTIFICIAL/HUMAN DATA

We can make custom test plates using your own greyscale images.