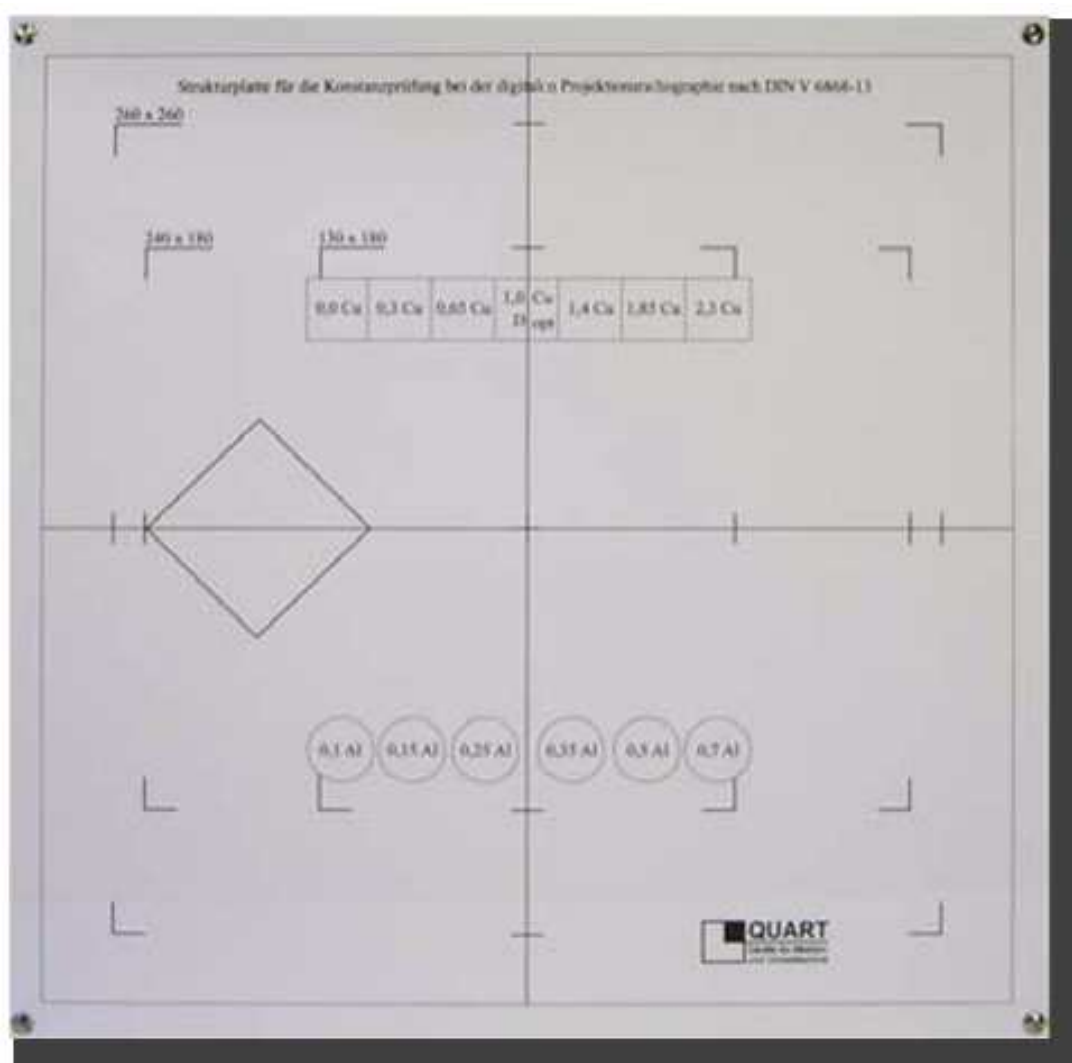


QUART SP digi

Digital R&F CR/DR Test Phantom



QUART SP digi

Test Phantoms for QA/QC in Digital Radiography & Fluoroscopy



The QUART SP digi phantom is designed for maximum precision in QA/QC of Digital Radiography and Fluoroscopy equipment. The phantom complies with DIN 6868-13 & -58 as well as IEC 61223-3-1 & -2-11.

The phantom can be used for QA/QC of radiographic x-ray equipment featuring digital storage screen (CR) or CCD image detectors (DR).

The QA/QC procedure is very straight-forward. After the exposure, the test image is assessed visually.

Phantom Description

- _ Enhanced phantom dimensions: 33x33x1.2cm (LxWxH)
- _ Plain structural design to clearly reveal artefacts
- _ Standard field markings for all major Fields-of-View (FoV)
- _ Checks on field size from small up to 30x30cm
- _ Dynamics wedge made of copper (7 Steps: 0 - 2.3mm)
- _ 6 Low-Contrast test objects made of aluminium (0.1 - 0.7mm)
- _ Center marking designed for use with QUART ZTB Alignment Tool _
- High-Quality Line Pair Test (Type 38, 45°arrangement) integrated _
- Center Area for dose measurement and detector signal adjustment _
- Clips for wire-based attachment at wall-mounted units
- _ Optional Holders available for vertical positioning

Test Parameters

- _ Spatial Resolution
- _ Low-Contrast Resolution
- _ Radiation Field Alignment
- _ Image Homogeneity
- _ Detector Signal Adjustment
- _ Artefacts, Image Flaws, etc.

Delivery includes

- ✓ QUART SP digi Test Phantom
- ✓ Manual
- Transport Case with Foam Insert optionally available

Also available

- | | |
|-----------------|---|
| QUART SP_dl | Universal CD/DR Test Phantom |
| QUART ZTB | Alignment Test Tool |
| QUART NKK | Low-Contrast Test Wedge |
| QUART LT | Filter Stand |
| QUART al250 | Added Standard Filtration for QA/QC |
| QUART cu10 | Added Standard Filtration for QA/QC (>100 kV) |
| QUART dido/EASY | Constancy Test Dosimeter |

