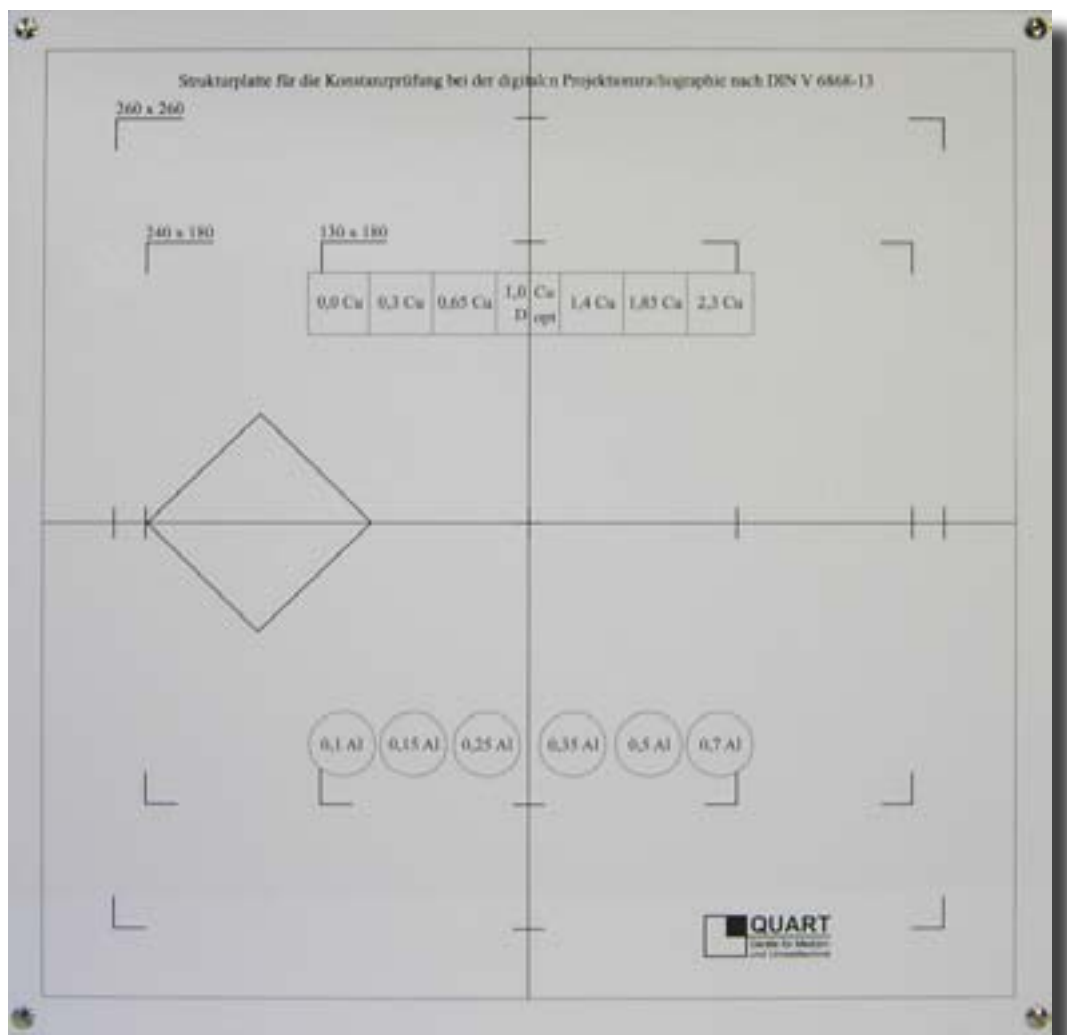


QUART SP digi

# 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 Dosemeter

