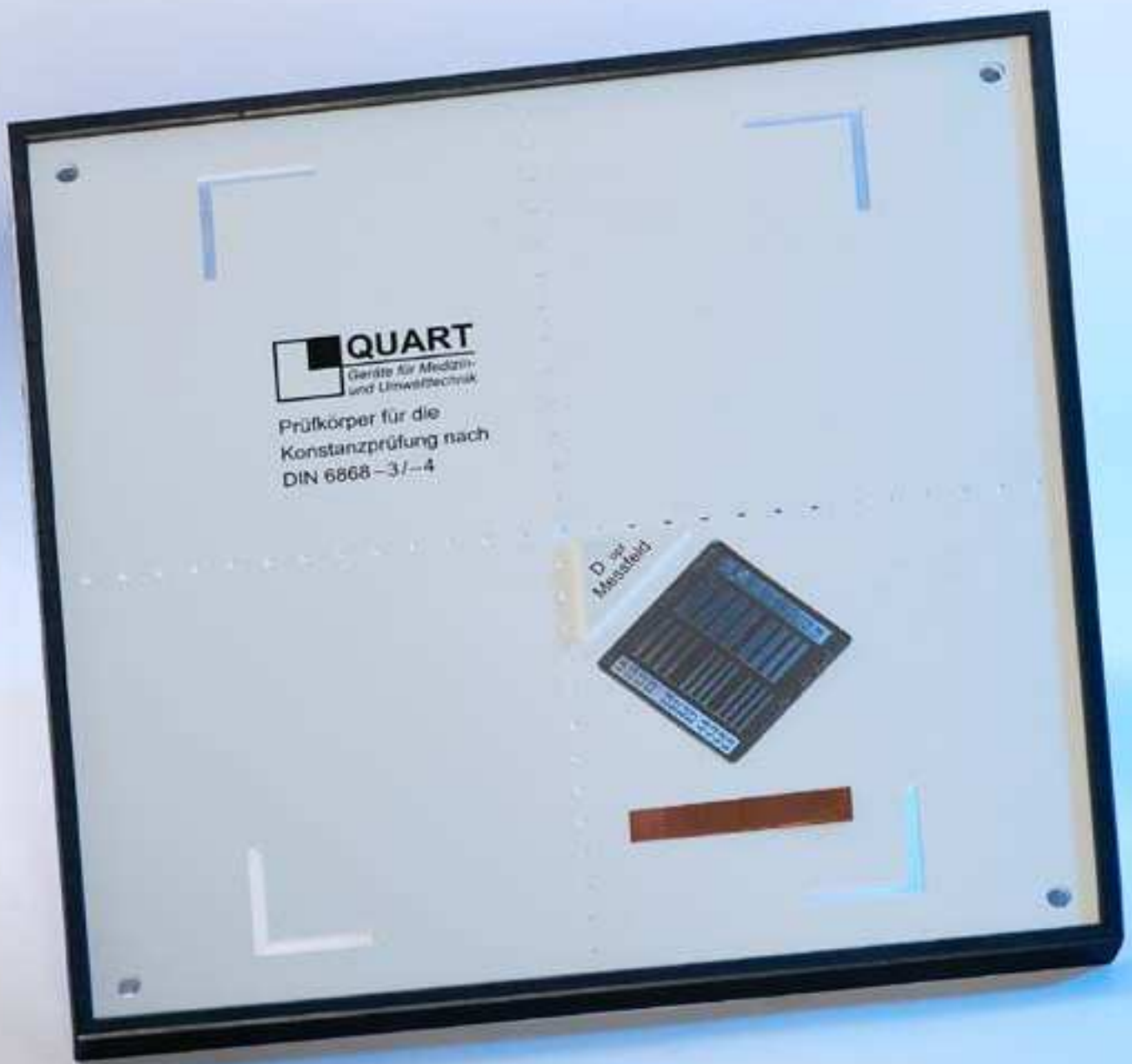


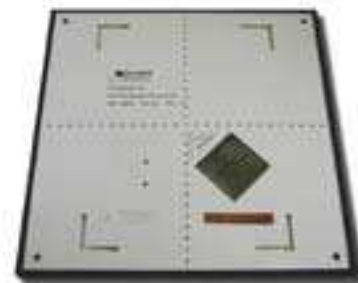
QUART SP vario & QUART SP econo

# Conventional R&F Test Phantoms



# QUART SP vario & SP econo

Test Phantoms for QA/QC in Conventional Radiography & Fluoroscopy



The QUART SP vario phantom is designed for maximum precision in QA/QC of Conventional Radiography and Fluoroscopy equipment. The phantom complies with DIN 6868-3 & -4.

The QUART SP econo phantom is the basic version of the SP vario. It does not have the Type 38 Line Pair Resolution Pattern and should therefore only be used in Conventional Direct Radiography. The phantom complies with DIN 6868-3.

Both phantoms are free of any grid structure which clearly reveals artefacts, if they should be present. The QA/QC procedure is very straight-forward. After the exposure, the test image is assessed visually.

## Phantom Description

\_ Improved structural design for immediate recognition of artefacts \_

Phantom Dimensions: 28x28x1cm (LxWxH)

\_ Standard Field Markings for 24x18cm Fields-of-View (FoV) \_

Checks on Field Size from small up to 28x28cm

\_ Field for Optical Density Measurement

\_ Dynamics Wedge made of Copper (Steps: 0.4 - 1.6 mm)

\_ Center Marking designed for use with QUART ZTB Alignment Tool \_

Line Pair Test (Type 38) included with QUART SP vario

\_ 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

\_ Radiation Field Symmetry

\_ Image Homogeneity

\_ Optical Density

\_ Artefacts, Image Flaws, etc.

## Delivery includes

✓ QUART SP vario Test Phantom

✓ Manual

Transport Case with Foam Insert optionally available

## Also available

darklight densi ec

Densitometer

QUART ZTB

Alignment Test Tool

QUART NKK

Low-Contrast Test Wedge

QUART SP digi

Phantom for Digital CR/DR

QUART al250

Added Standard Filtration for QA/QC

QUART cu10

Added Standard Filtration for QA/QC (>100 kV)

QUART dido/EASY Constancy Test Dosimeter



**QUART**  
Quality Assurance in Radiological Technologies