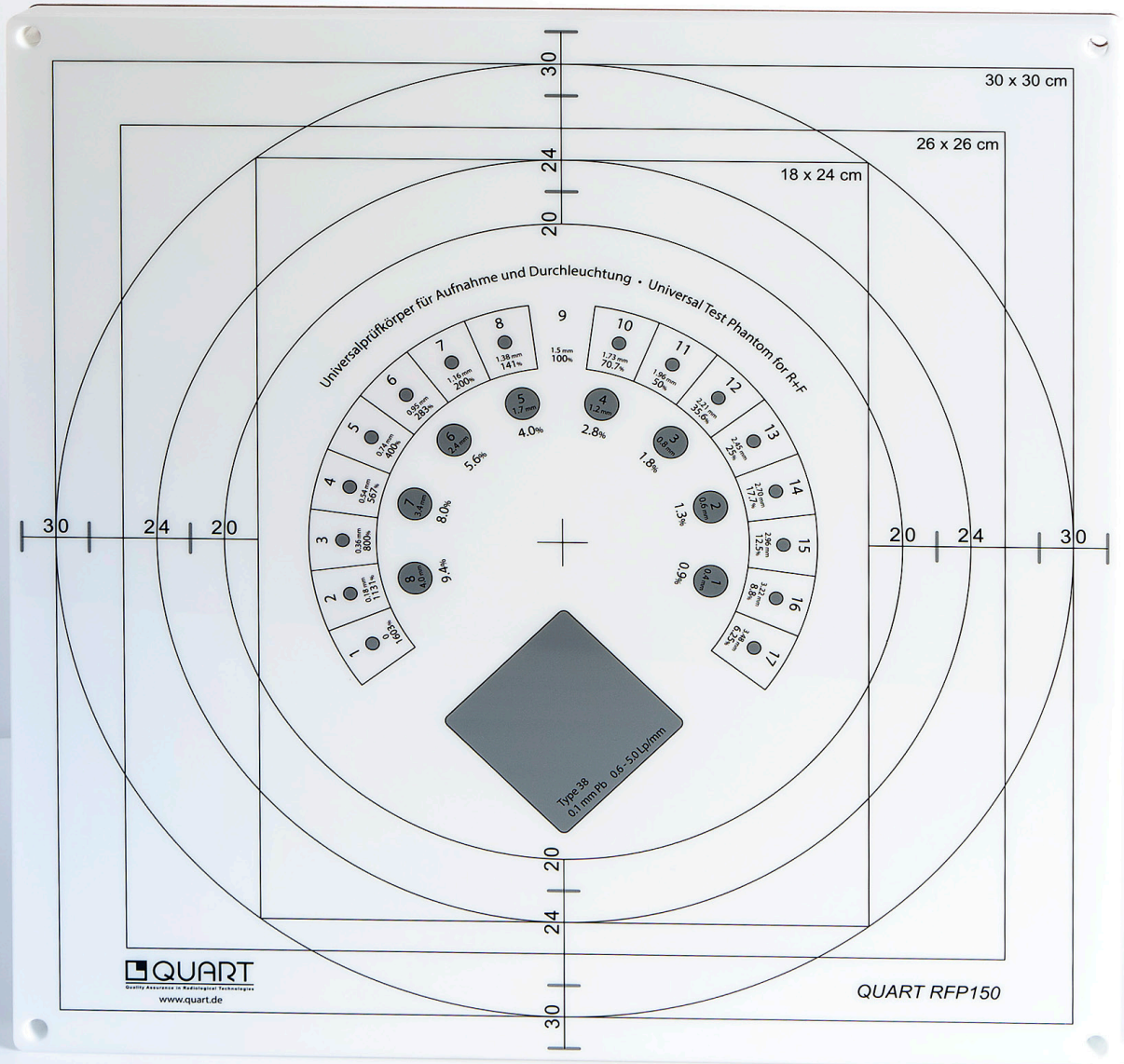
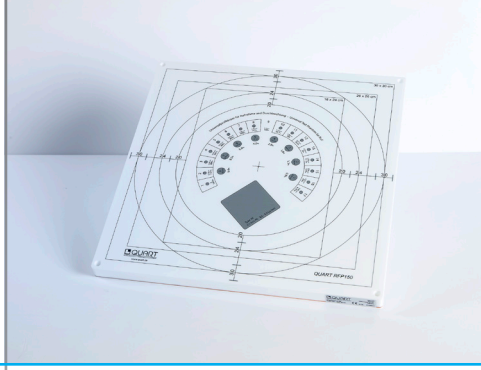
QUART
Quality Assurance in Radiological Technologies

QUART RFP150

Full-Size R&F CR/DR Test Phantom



Digital R&F QA/QC Test Phantom



QUART RFP150

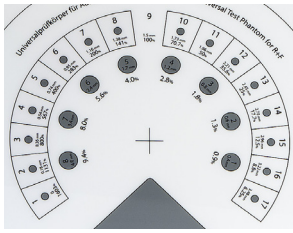
Test Phantom for QA/QC in Digital Radiography & Fluoroscopy
Art. no. 12204L

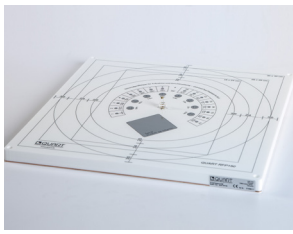
The *QUART RFP150* phantom is designed for maximum precision in QA/QC of Digital Radiography and Fluoroscopy equipment. The phantom complies with DIN 6868-150 & -4 as well as IEC 61223-3-1 & -2-11.

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.

The phantom is optionally available with an economic wire-mount system (art. 12211) or a robust suspension element for vertical use at wall-stand x-ray installations (art. 12210).





Phantom Description

_ Unique Enhanced Format: 33x33x1.85 cm (LxWxH)
_ Plain structural design to clearly reveal artefacts
_ Standard field markings for major Fields-of-View (FoV)
_ Dynamics step-wedge (17 Steps: 0 - 3.5 mm) plus 17 additional low-contrast objects
_ 8 Low-Contrast test objects (0.4 - 4 mm)
_ Center marker, also for use with *QUART ZTB* Alignment Tool (art. 13201)
_ Integrated High-Quality Line Pair Test (Type 38, 45° arrangement)
_ Center area for dose measurement and detector signal adjustment
_ Optional Holders available for vertical positioning (e.g. at wall-mounted CR/DR units)



Test Parameters

_ Spatial Resolution / High-Contrast Resolution
_ Low-Contrast Resolution
_ Radiation Field Alignment / Congruence between Light and Radiation Field
_ Geometric Distortion / Image Scale
_ Image Homogeneity / Uniformity
_ Detector Signal Adjustment / Signal Normalisation
_ Artefacts / Image Flaws
_ Dose Indicator



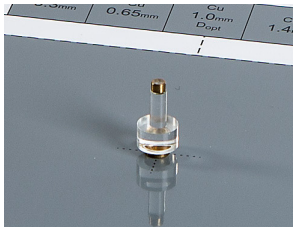
Delivery includes

✓ *QUART RFP150* Test Phantom
✓ Manual
Transport Case with Foam Insert optionally available



Also available

QUART SPdI	Art. 12204	Compact Test phantom according DIN 6868-150
QUART PAS	Art. 12210	Phantom suspension system for wall-mounted units
QUART ZTB	Art. 13201	X-ray field axis alignment test tool
QUART NKK	Art. 13207	Low-contrast perceptibility wedge
QUART FST	Art. 13206	Filter stand
QUART al25.0	Art. 13202	Added standard filtration for QA/QC
QUART cu1.0	Art. 13203	Added standard filtration for QA/QC (>100 kV)
QUART didoEASY	Art. 11115	Diagnostic X-ray dosemeter for Service and QA



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