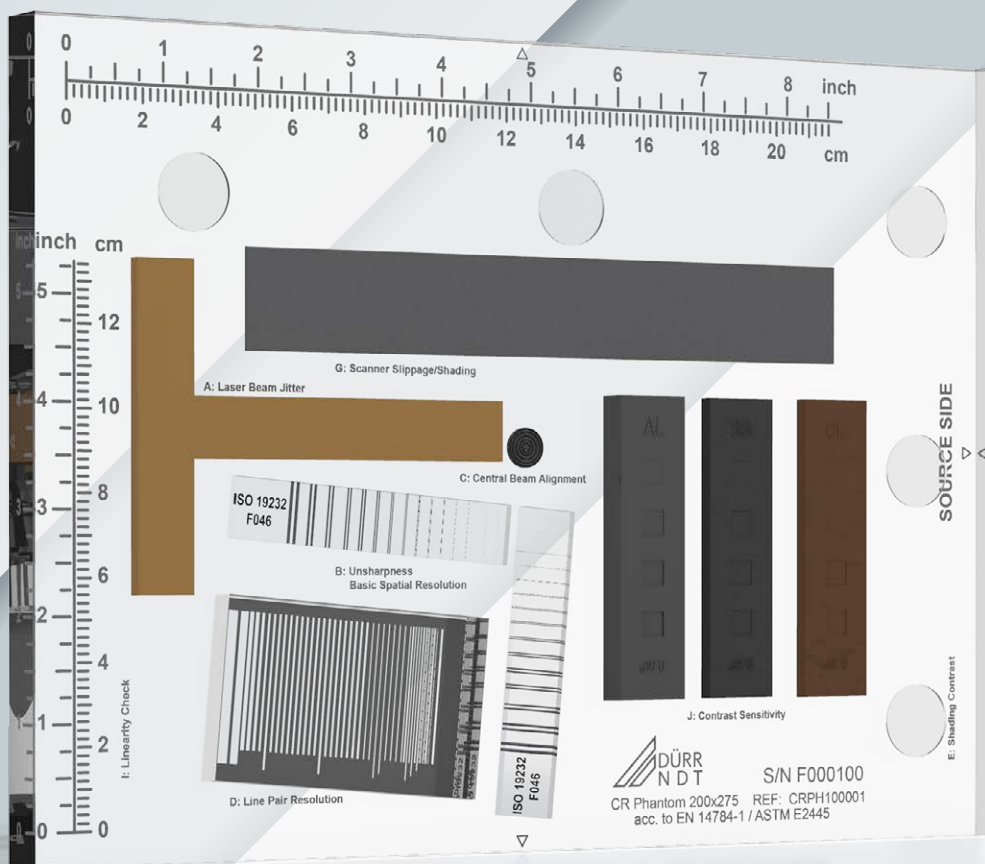


EASY QUALIFICATION ACCORDING TO THE LATEST STANDARDS CR PHANTOM

TEST SPECIMEN FOR COMPUTED RADIOGRAPHY SCANNERS



EVERYTHING COVERED WITH JUST ONE SHOT

The CR Phantom can test all the important performance characteristics of a CR scanner system including basic spatial resolution (unsharpness), contrast, MTF, laser beam jitter, scanner slipping and scanner shading. These tests are described in detail in the ISO 16371-1 and ASTM E 2445 standards and should be performed periodically to ensure proper and accurate system operation.

To meet the requirements of these standards, the DÜRR NDT CR Phantom includes two duplex wire-type IQIs and measuring points for shading correction positioned in both axis directions (panorama and landscape). This allows all the required information to be mapped on the imaging plate with a single X-ray exposure - the CR Phantom does not need to be rotated to obtain the data of the second axis, resulting in more accurate test scores and significant time savings.

Product Contents

- CR Phantom in lined wooden case
- Test reports according to ISO 16371-1, ASTM E 2445
- Declaration of Conformity according to EN 45014

Dimensions

200 x 275 x 15 mm (7.9 x 10.8 x 0.59")

Product number

CRPH100001

A T-target (brass)

Laser beam jitter, MTF check, Blooming (Flare)

B Duplex wire-type IQI 15D (hi-res)

Basic Spatial Resolution (Unsharpness)

C BAM snail

Central beam alignment

D Line pair IQI type 53-b

Line pair resolution

E Measuring points

Shading correction

F Cassette positioning locator

Positioning of cassette (imaging plate)

G Homogeneous strip (aluminium)

Scanner slippage, scanner shading

H Lucite plate

Carrier plate

I cm/inch ruler

Linearity check

J Contrast sensitivity gauge

Contrast sensitivity check

