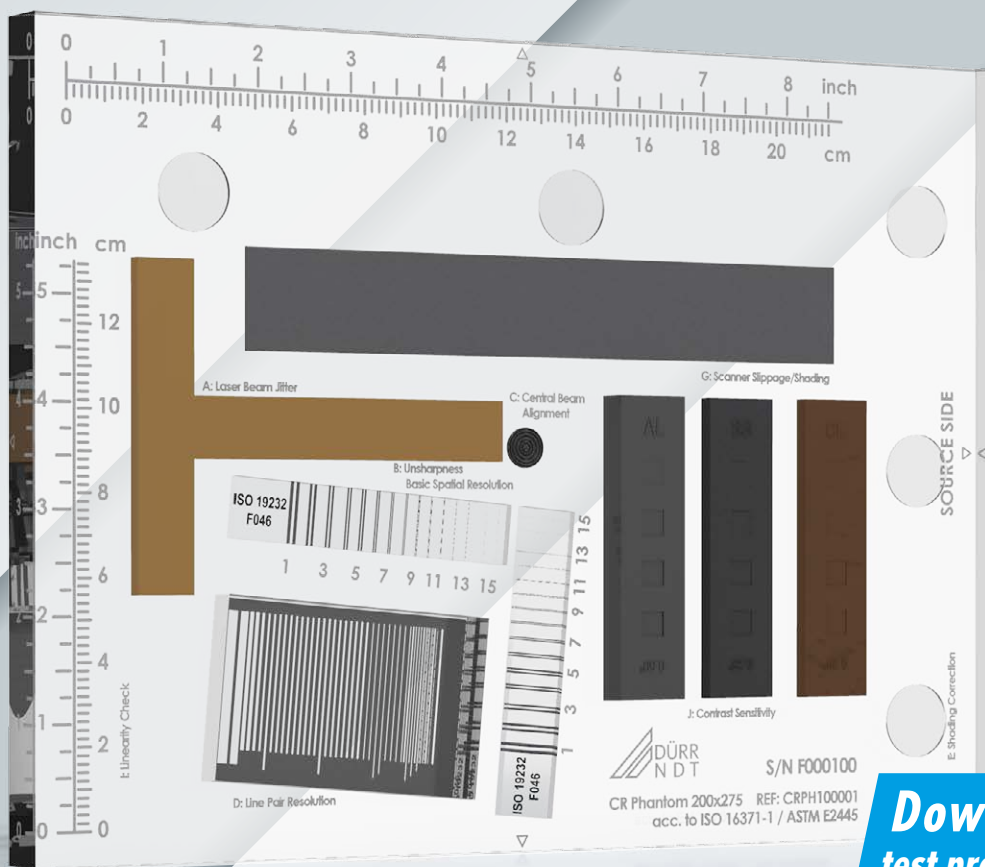


EASY QUALIFICATION ACCORDING TO THE LATEST STANDARDS **CR PHANTOM**

TEST SPECIMEN FOR COMPUTED RADIOGRAPHY SYSTEMS



**Download
test procedure
now for free!**

www.duerr-ndt.com/register

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S/N F000100

CR Phantom 200x275 REF: CRPH100001
acc. to ISO 16371-1 / ASTM E2445



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. For easy use of the CR Phantom, a test procedure and the D-Test Viewer software are available for free download.

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 (horizontal and vertical). 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.

Scope of supply

- CR Phantom in lined wooden case
- Test reports according to ISO 16371-1, ASTM E 2445
- Declaration of Conformity according to EN 45014
- Test procedure (download at: www.duerr-ndt.com/register)

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 (aluminum)

Scanner slippage, scanner shading

H Lucite plate

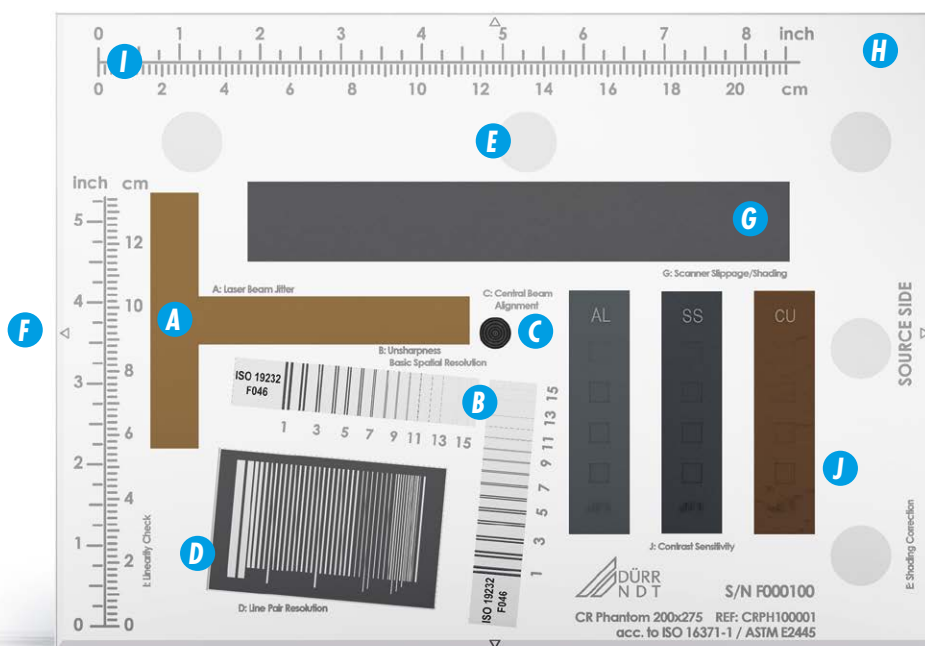
Carrier plate

I cm/inch ruler

Linearity check

J Contrast sensitivity gauge

Contrast sensitivity check



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