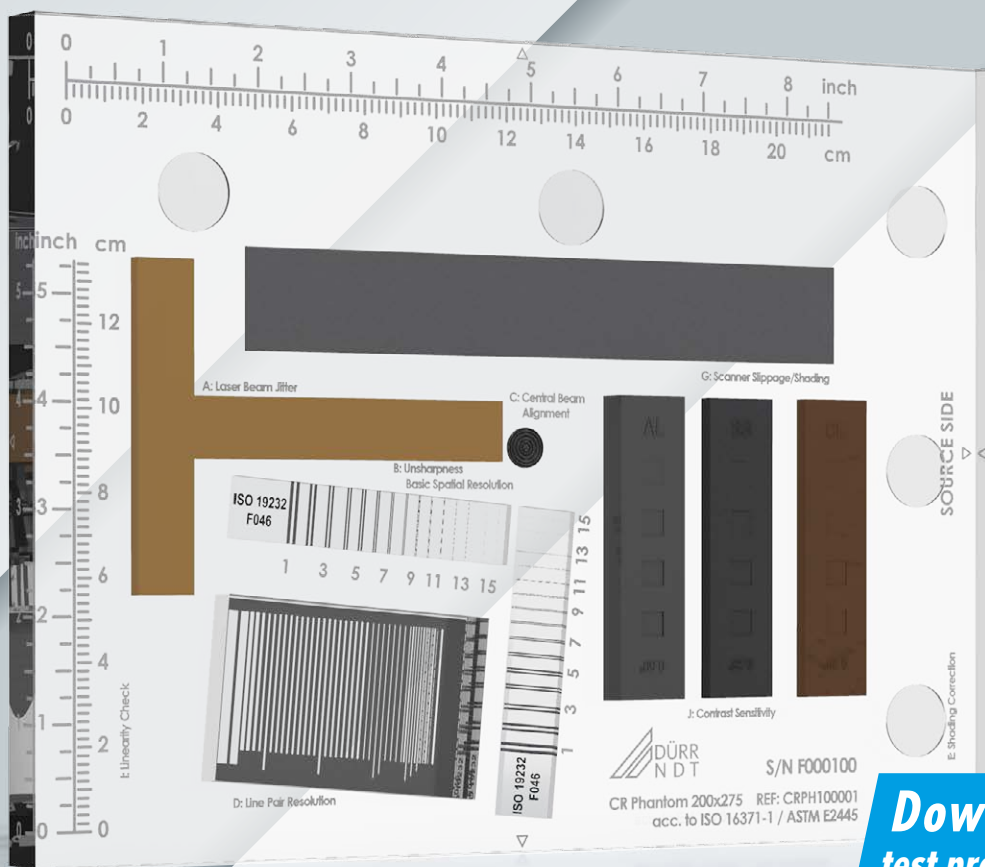


# EASY QUALIFICATION ACCORDING TO THE LATEST STANDARDS **CR PHANTOM**

TEST SPECIMEN FOR COMPUTED RADIOGRAPHY SYSTEMS



**Download  
test procedure  
now for free!**

[www.duerr-ndt.com/register](http://www.duerr-ndt.com/register)

*Digital Intelligence - Ready to Change.*

[www.duerr-ndt.com](http://www.duerr-ndt.com)



# 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-Tect 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](http://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

