

Kowotest CR Phantom

CR Phantom according to ASTM R 2445-05, ISO 16371-1 and EN 14784-1



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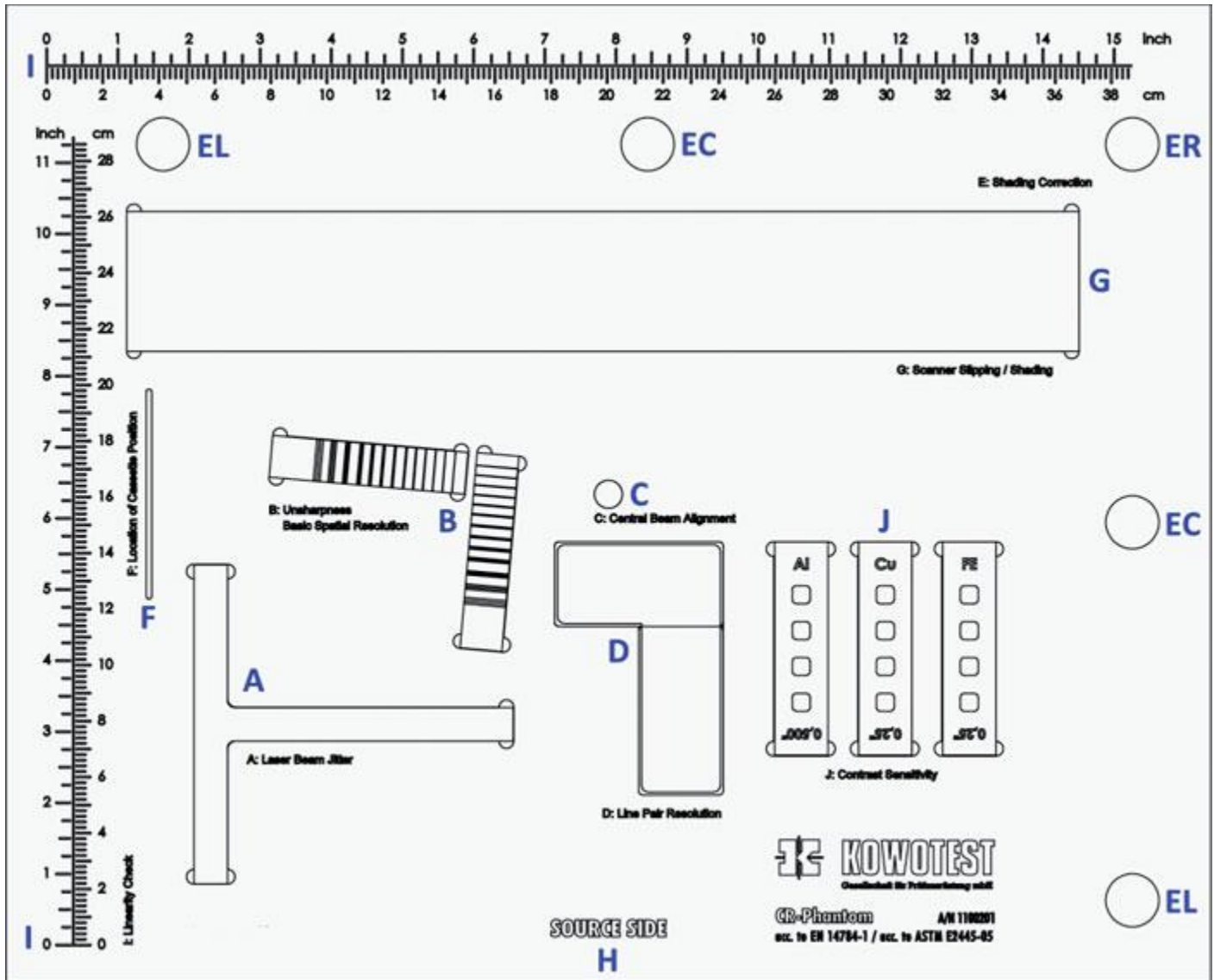


The CR Phantom is used for testing all relevant parameters of CR Scanner systems, like basic spatial resolution, un-sharpness, contrast, MTF, laser beam jitter, scanner slipping and shading. These tests are performed periodically according to ASTM E 2445-05, ISO 16371-1 and EN 14784-1 standards.

The Kowotest CR Phantom includes 2 Duplex Wire Type IQIs and also measuring points for shading correction, which are arranged in both axis directions – panorama and landscape. All required information is mapped on the image plate with a single X-ray exposure, therefore there is no need to rotate the CR Phantom to receive information from the second axis. This results in higher accuracy of test scores and significant time savings.

Specifications:

Test Material	Application
T-Target – Brass:	Laser beam jitter, MFT check, Blooming (Flare)
Duplex Wire Type IQI:	Basic spatial resolution – un-sharpness
BAM Snail:	Central beam alignment
Converging Line Pair IQIs:	Line pair resolution
EL, EC, ER Measuring Points:	Shading Correction
Cassette Positioning Locator:	Position of Cassette (image plate)
Homogenous AL Strip:	Scanning, slipping & Shading
Lucite Plate:	Carrier Plate
cm / inch ruler:	Linearity check
Contrast Sensitivity Gauge:	Contrast sensitivity check



Dimensions: 14" x 17" x 0.75" (350 x 430 x 19 mm)

Scope of Supply:

- CR Phantom, Type 1 with two duplex wire type IQIs 13D (RT-KT-CR-Phan)
- CR Phantom, Type 1 with two duplex wire type IQIs 15D (RT-KT-CR-Phan-15D)
- Test Certificate according to ASTM E 2445-05, EN 14784-1 and ISO 16371-1
- Declaration of Conformity according to EN 45014

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