

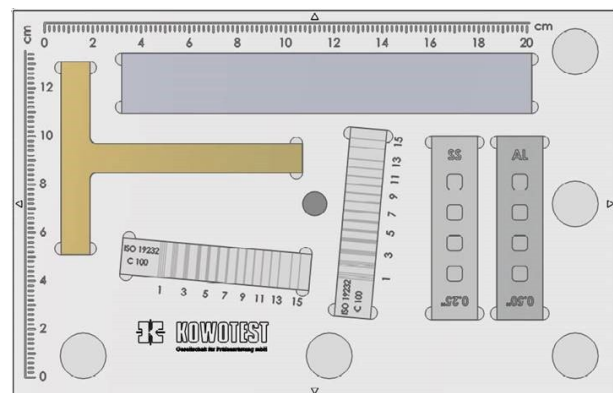
Kowotest Small 6"x10" CR Phantom

Simplified for Testing All Parameters of CR Scanner Systems



A Smaller, Simpler CR Phantom

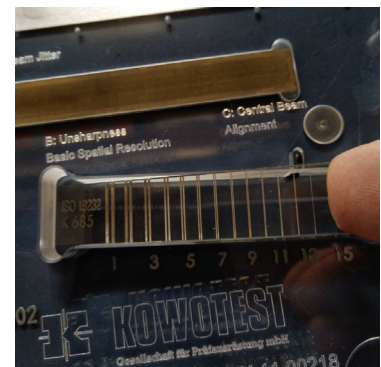
The Basic CR Phantom 6x10" (160 mm x 250 mm) No Duplex IQI is a simplified version of the 14x17" panel. Meets all requirements for testing relevant parameters of CR Scanner Systems, like basic spatial resolution (with added duplex IQI), un-sharpness, contrast, MTF, laser beam jitter, scanner slipping and shading. These tests are performed periodically according to ASTM E 2445, ISO 16371-1 and EN 14784-1 standards.



CR-Phantom 6x10" (160 x 250 mm), made in accordance with ISO 16371-1, ASTM E2445

Design Updates

- **Smaller T Target.** Tests can be performed as usual.
- **No Duplex IQIs.** These can be put in or taken out easily and be exchanged (D13 and D15 – even D17 would fit but wire numbering would be wrong). Duplex IQI's available for purchase separately or with the panel. See price table for details.
- **No Line Pair Gauges,** type 39. Duplex IQI can be used for resolution tests.
- **Additional Linearity Check test.** Tungsten balls (dia. 1.5 mm) with 25 mm distance for i.e., only 10 cm (4 inch) wide IPs.
- **No Positioning Locator.** As a substitute there are 4 arrows in the middle of each edge to show center of panel.
- **Smaller AI strip.** Tests can be performed as usual.
- **No Contrast Sensitivity Gauge – CU.** Not necessary as at 90 kV copper cannot be irradiated.



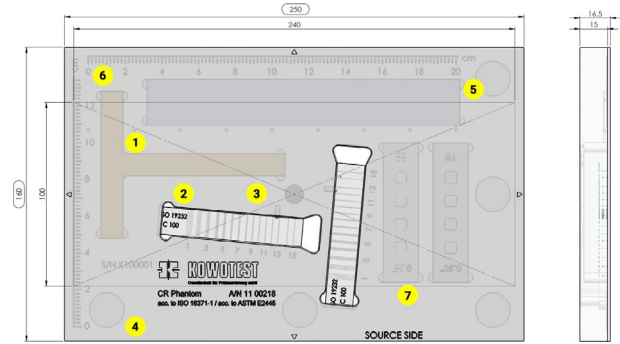
The Duplex IQI can be easily inserted or taken out

Specifications:

(Numbers refer to the diagram on the right)

	Test Material	Application
1	T-Target - Brass	Laser beam jitter, MFT check, blooming (Flare)
2	Duplex Wire Type IQI (If purchased)	Basic spatial resolution, un-sharpness
3	BAM Snail	Central beam alignment
4	EL, EC, ER Measuring Points	Shading correction
5	Homogenous AL Strip	Scanning, slipping, shading
6	Inch / cm Ruler	Linearity check
7	Contrast Sensitivity Gauge	Contrast sensitivity check

Dimensions: 6" x 10" x 0.65" (160 x 250 x 16.5 mm)



Scope of Supply:

- CR Phantom, Type 1, ASTM E2445, no Duplex IQI, 6 x 10" (160 x 250 mm) (RT-KT-11-00218)
- Test Certificate according to ASTM E 2445, EN 14784-1 and ISO 16371-1
- Declaration of Conformity according to EN 45014.
- Wood Case

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