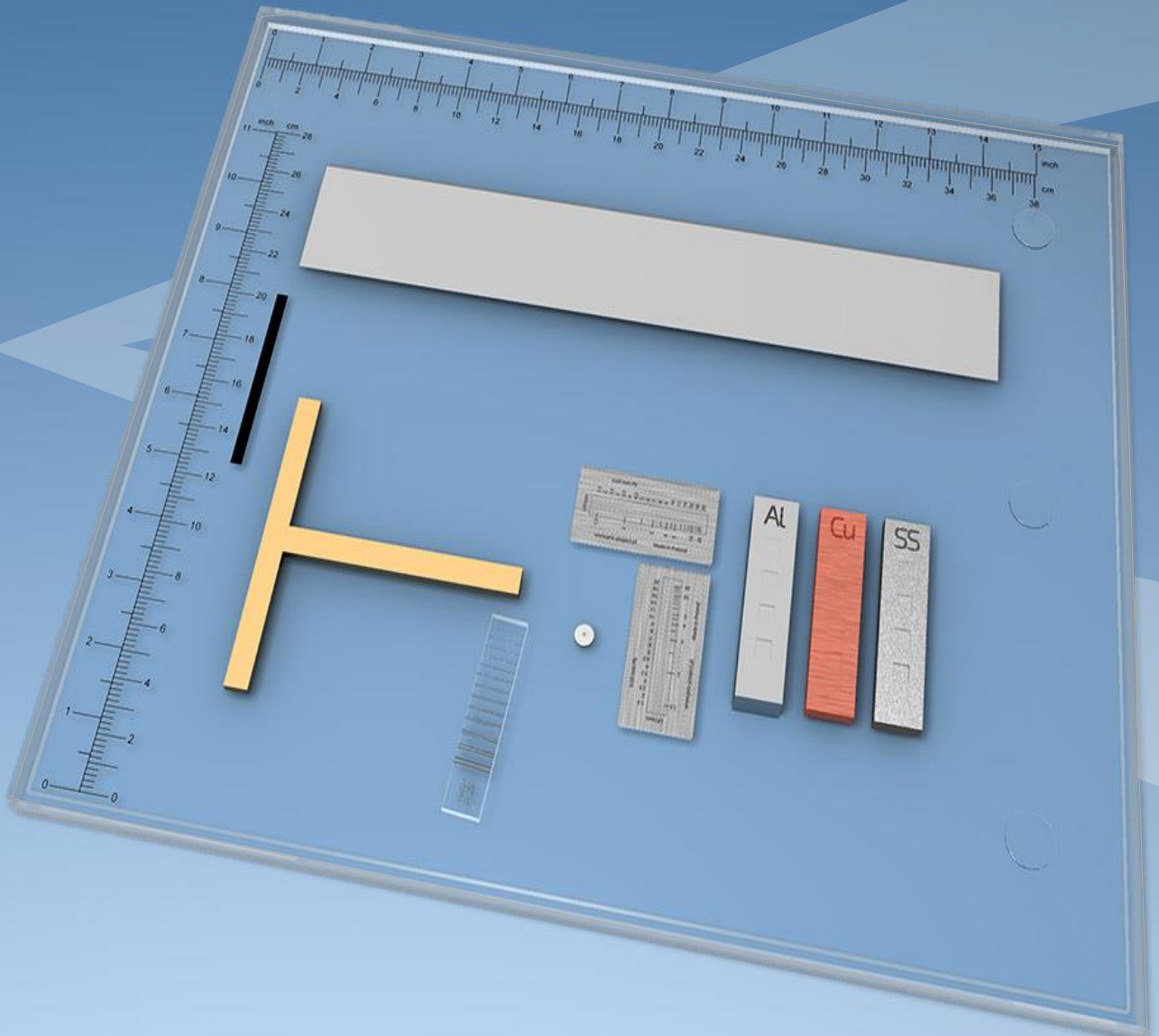


CR Test Phantom

CR Test Phantom from RTUTec tests all the relevant parameters that serve as indicators for image quality of a Computerized Radiography (CR) system, including spatial resolution, unsharpness, contrast, MTF, laser beam jitter, scanner slipping and shading. The CR Test Phantom complies with ASTM E 2445-05, ISO 16371-1 and EN 14784-1 standards and is CE certified (declaration of conformity according to ISO/IEC 17050-1).

CR Test Phantom from RTUTec provides means to measure all the important CR system parameters. By scanning the imaging plate, all the testing scores are provided in one X-ray image for quick and accurate results.



CR Test Phantom

Dimensions: 350mm x 430mm x 15mm

Plate Material: PMMA (Lucite)

Testing Elements Included

- A. T shaped brass target (laser beam jitter, MFT check, blooming / flare)
 - B. Pro-NDT DuplexWireIQI test object (basic spatial resolution, unsharpness)
 - C. BAM snail made of lead and low absorbent material (central beam alignment)
 - D. Two converging line pairs resolution patterns (Pro-Res MAM ConeType)
 - E. Three $\text{\O}19 \times 0.3\text{mm}$ (EL, EC, ER) measuring points (shading correction)
 - F. Cassette positioning locator
 - G. Homogeneous 0.5mm Al strip (scanning slipping, shading)
 - H. Two cm/inch rulers (linearity check)
 - I. Three contrast sensitivity gauges made of Al, Cu and stainless steel with four holes of different depth
- The user manual provides guidelines for carrying out each test, results assessment and registration.
 - calibration / test certificate according to ASTM E 2445-05, EN 14784-1 and ISO 16371-1, is provided with the product.

