

Test Phantom

for Computed Radiography 14" x 17"

According to ASTM 2445-05, ISO 16371-1, EN 14784-1

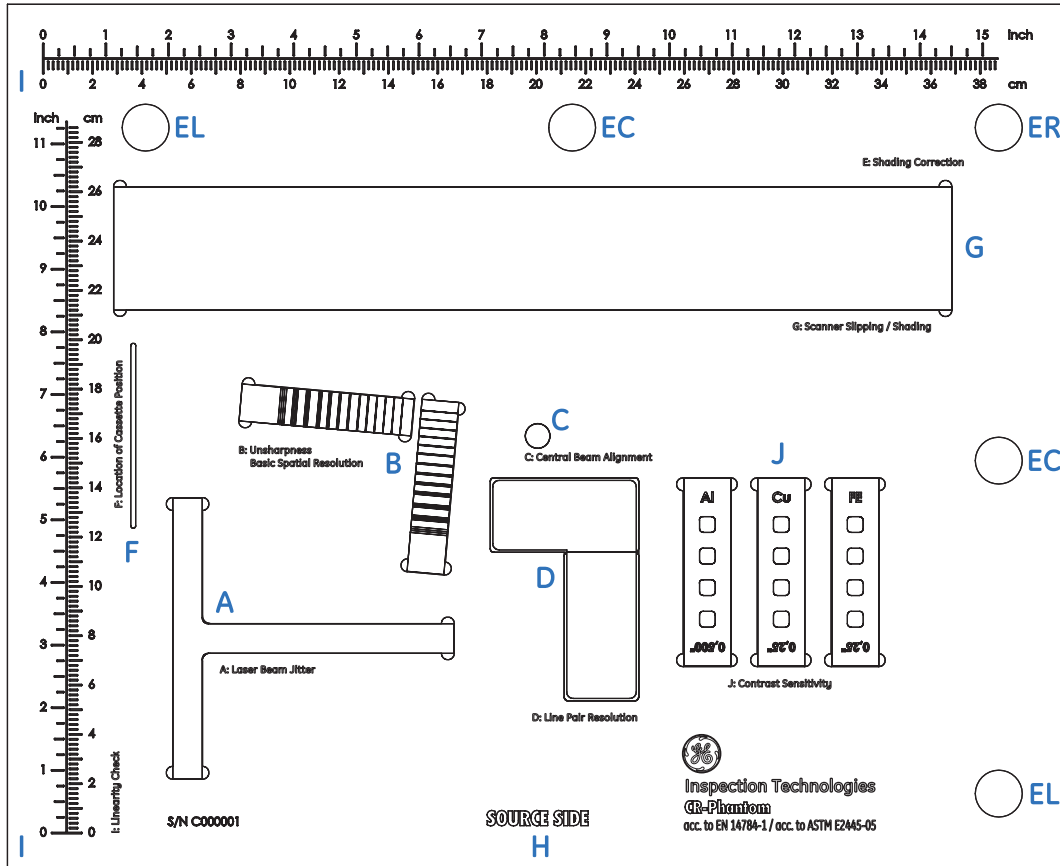
Features

- ASTM / ISO / EN compliant qualification of Computed Radiography (CR) scanners
- 14" x 17" transparent Lucite plate with integrated test targets for comprehensive determination of spatial resolution, contrast, MTF, jitter, slipping, shading and SNR_N
- Optional CR Quality Assurance Kit including reference plates and calibration cassettes (CRxFlex only) and measurement procedures
- Procedures and instructions to verify parameters with GE CR Scanners and Rhythm Software Suite



GE imagination at work

Layout



No. CR Quality Indicators

- A T-target - Brass
- B Duplex Wire Type (Q)
- C BAM Snail
- D Converging Line Pair (Q)
- E EL, EC, ER Measuring Points
- F Cassette Positioning Locator
- G homogeneous AL Strip
- H Lucite Plate
- I cm/inch Ruler
- J Contrast Sensivity Gauge

Tests

- Laser Beam Jitter, MTF Check, Blooming (Flare)
- Basic Spatial Resolution, Unsharpness
- Central Beam Alignment
- Line Pair Resolution
- Shading Correction
- Positioning of Cassette
- Scanner Slipping, Shading
- Carrier Plate
- Linearity Check
- Contrast Sensivity

Dimensions	14" x 17" x 0.75" (350 mm x 430 mm x 190 mm)
Scope of Supply	Test Phantom Carrying Case Test Reports Procedures for Rhythm Software and CRxFlex / CRx25p
Optional Accessories	Calibration Cassette with MD40 plate Reference Plates IPC2, IPS or IPU
Part Numbers	CR Quality Assurance Kit, phantom and calibration cassette (with MD40 plate): 6801480 CR Test Phantom for Computed Radiography: 9508260



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