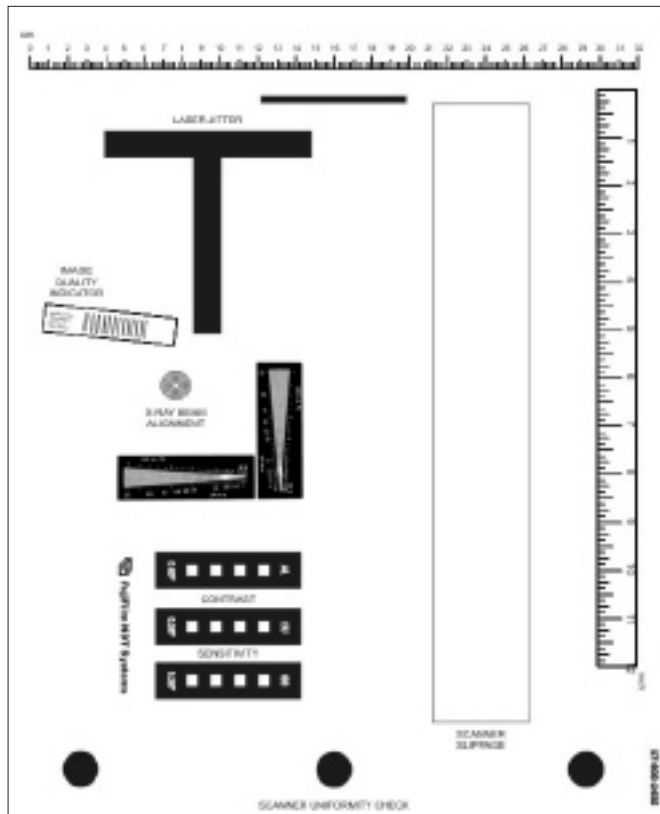


# Model 07-605-2435

Non-Destructive Testing (NDT) Industrial Radiography  
CR Test Phantom

## Technical Data

### Per ASTM E2445-05



Model 07-605-2435 Non-Destructive Testing (NDT) Industrial Radiography CR Test Phantom is a timely and valuable addition to the industrial computed radiography (CR) image quality-assurance program. Operators can easily perform quick and reliable assessments of their CR systems.

Today's new image acquisition chains are considerably more complex than conventional screen/film systems. CR systems involve special processing for each test image. This is controlled by computers, rather than chemical processors and soft copy displays, which are calibrated using light meters rather than visual inspection. CR systems also incorporate laser beams, photomultiplier tubes, network gateways and laser printers. Model 07-605-2435 is designed specifically for evaluating the entire CR image acquisition chain.

Ideal for use as a preventive maintenance quality control test tool, Model 07-605-2435 can also be used to take regularly scheduled measured data points from the image, such as line pair resolution measurements, ROIs (regions of interest) and geometry symmetry. Measurements/angle can be used to evaluate monitor, as well as printed film image quality.

By performing daily quality control checks, both before the first test image and at the end of the day, equipment problems can be accurately and easily pinpointed and corrected. Equipment downtime will also be significantly reduced, resulting in increased testing throughput.

You'll soon realize a dramatic savings in film costs when you use our Model 07-605-2435 as part of your QC program. In addition, personnel will experience significantly less problems and frustrations associated with equipment maintenance.

### Key Features

- Quickly and easily optimize images from your industrial radiography CR system
- Effectively reduce equipment downtime
- Lightweight, durable
- Easy-to-use, no moving parts
- Cost-effective
- T-target for laser jitter test
- Duplex-wire image quality indicator
- Central beam alignment
- Converging line pair quality indicators
- EL, EC, ER: measuring points for shading correction
- Cassette positioning locator
- Homogeneous strip
- Lucite plate
- Inch/cm ruler for linearity check
- Contrast sensitivity quality indicators

Dimensions  
17 in L x 14 in W x 0.5 in H  
(43.1 cm L x 35.5 cm W x 1.5cm H)  
Weight  
5 lb (2.2 kg)

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