



Streamline your CR mammography image testing

Now there is an efficient and accurate way to verify and report mammography quality—and help avoid potential problems before they occur—with your KODAK DirectView CR Mammography Feature.

The KODAK DirectView CR Mammography Total Quality Tool enables you to perform objective tests and measurements with the same interface used for examinations. Tests are done at your facility and at your convenience—without the cost, scheduling, or disruption of third-party testing.

Advantages at a glance

- Mammography-specific CR system testing
- Comprehensive analysis and reporting software provides quantitative data
- CR system remains in service during testing

Mammography Specific

The KODAK DirectView CR Mammography Total Quality Tool includes everything you need for easy, accurate CR system testing:

- A test phantom kit designed for testing the two mammography cassette sizes: 18 x 24 cm and 24 x 30 cm.
- Two phantoms (one 18 x 24 cm and 24 x 30 cm), two 1 mm aluminum filters, and user guide—all in a convenient protective folder for easy storage.
- The user guide which explains the simple testing exposures and procedures.
- Analysis and reporting software to track measurements that can predict the most common failure modes before quality is adversely affected.
- Test data (for current, as well as previous testing sessions) can easily be exported to a Microsoft Excel file for review and analysis, or for use in reports and other documents.



A graph on the first results page shows the most recent test results—and passing ranges—at a glance.

Comprehensive System Tests

The analysis and reporting software is fully integrated into the CR system, providing full evaluation of subsystems. With just two x-ray exposures (a phantom image exposure and a non-phantom flat-field image exposure), the Total Quality Tool will perform a complete set of tests, evaluating and calculating results in addition to your mammography QC management program.

The Total Quality Tool can also help track the performance of individual cassettes used in your KODAK DirectView CR System with the Mammography Feature.

The Total Quality Tool enables testing with the same CR system interface used for examinations. The main page lets the user select and run tests, check results of current tests, discard the last test performed in the current session, view a summary of prior test results, and access the page for testing individual cassettes.



Test results data page displays a summary of up to 13 of the most recent test results for the different cassette sizes and types.

Saves Time

The Total Quality Tool provides DirectView CR Mammography Feature users with an automated testing procedure. It guides you through the testing process—eliminating time-consuming and error-prone manual recording and analysis of data.

No Workflow Interruption

Your CR system remains in service during testing. The analysis and reporting software is integrated, so there is no need to reconfigure the system or disrupt workflow for testing. Tests can be suspended instantly for high-priority examinations.

No Subjective Judgment

The fully automated quality testing generated by the Kodak DirectView CR Mammography Total Quality Tool provides quantitative data on your system performance.



This graph shows the MTF response as a function of frequency (cycles/mm).

Product	Configuration
Kodak DirectView CR Mammography Total Quality Tool/Starter Kit	One software application license and one phantom kit
Kodak DirectView CR Mammography Total Quality Tool/Additional Software License	One additional software application license
Kodak DirectView CR Mammography Total Quality Tool/Additional Phantom Kit	One additional phantom kit



Commercial distribution of the KODAK DirectView CR Mammography Feature and related accessories pending FDA approval of final labeling.

Want to find out more?

<http://mammo.carestreamhealth.com>
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