



Improve patient care with fewer missed cancers

Kodak Mammography Computer-Aided Detection (CAD) System

39.4% of missed cancers could have
been detected 14.8 months sooner
with CAD from Kodak

—Kodak clinical study data

Kodak



Kodak Mammography

Computer-Aided Detection (CAD) System

Improve cancer detection in screening and diagnostic mammograms with the KODAK Mammography Computer-Aided Detection (CAD) System. Improved algorithms now provide even more efficient identification of image areas that warrant a second review. Optional DICOM export functionality eases your transition from film to digital imaging.

More efficient detection with improved algorithms

- ▶ A clinical study found that 39.4% of missed cancers (or 77.9% of actionable cancers) could have been detected 14.8 months sooner with use of the KODAK CAD System versus a radiologist reading alone.
- ▶ Improved algorithm performance enables radiologists to work even more efficiently with fewer false-positive markers.

A practical first step toward digital mammography

- ▶ Begin your transition to digital with optional DICOM export functionality and modality worklist connectivity that provides an automated link to your RIS.
- ▶ Film mammograms scanned for CAD can be saved as DICOM MG (digital mammography format) files—and sent immediately to single or multiple DICOM destinations.
- ▶ The digitized mammograms can automatically be sent to an archive for efficient file storage.
- ▶ As your digital transition moves forward, the cases you digitized for CAD will be immediately available for viewing as prior exams on your PACS workstation—no light box needed!
- ▶ Digitized cases can be sent to any vendor's PACS with DICOM connectivity.
- ▶ Easy-to-use case entry software can be operated from the case input station or any other networked computers running WINDOWS XP for facilities without RIS.



Quality control features

- ▶ Easily manage quality-control test results and record log files with one-touch exporting.
- ▶ Save a file with a record of every case scanned into the CAD system.
- ▶ Create and save a file without manually recording each day's QC testing.
- ▶ Display the status of cases sent to DICOM destinations on the log page.

A CAD system that fits the way you work

- ▶ Configure the system to your volume and workflow with this compact, modular system.
- ▶ An optional input station cart has a footprint just 25.5 in. wide x 26.5 in. deep.
- ▶ Simple touch-screen interfaces are easy to understand and use. Pop icons alert the user to network problem.
- ▶ The CAD report is automatically forwarded from the input station to a report station or a Windows OS-compatible paper printer.
- ▶ Throughput of up to 25 cases an hour maximizes productivity and log files are easily exported to disk.



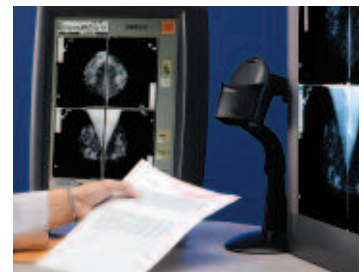
Case input station is fast and easy to use

- ▶ Just scan bar code and load the films and input the patient information.
- ▶ No special markers or labels are needed. The patient label is reproduced from the film reducing data entry and film projections are recognized automatically.
- ▶ Bar codes simplify data input. Up to ten cases can be loaded at one time.
- ▶ With the optional 100 sheet feeder up to 20 cases can be loaded and any manufacturer's films can be digitized.
- ▶ Case status is always visible—errors are quickly identified.



Report station is designed for radiologist convenience

- ▶ Up to 100 CAD reports can be correlated to the case sequence on the alternator.
- ▶ Results are accessed quickly by scanning a bar code or selecting from a list of patient labels.
- ▶ Four hanging protocols provide a choice of image display sequences viewed in either landscape or in portrait mode.
- ▶ Images are enlarged, and the next or previous case selected, with just a touch of a finger.
- ▶ The patient label is always visible to assure that the right patient's film is being viewed.
- ▶ CAD reports can also be viewed from common mammography tracking and reporting modules (optional feature).
- ▶ Results can be printed on paper and reviewed in color or grayscale.



Specifications

KODAK Case Input Station/for Mammography CAD

Includes CAD algorithm software, 20 case divider sheets, QC film, case input station user interface software

- ▶ Case input station computer—
DELL OPTIPLEX (15.4 in. W x 17.0 in. D x 4.5 in. H); 21 lbs
- ▶ Digitizer—VIDAR CADPro (19.0 in. W x 21.25 in. D x 25.5 in. H)
- ▶ Case input station touch-screen—
15-in. landscape ELO touch-screen
- ▶ Bar-code reader and holder
- ▶ Case input station uninterruptible power supply—
APC Back-UPS ES 725 Broadband

KODAK Report Station/for Mammography CAD

- ▶ Includes report station user interface software
- ▶ Report station computer—
DELL OPTIPLEX (12.54 in. W x 13.93 in. D x 3.57 in. H); 14 lbs
- ▶ Report station touch-screen—
15-in. portrait ELO touch-screen
- ▶ Bar-code reader and holder

Options

- ▶ DICOM Export Software option with HL7
- ▶ KODAK Case Input Station/with 100-sheet film feeder/for Mammography CAD (comes with additional 20 case divider sheets)
- ▶ HP LASERJET 1160 Printer/for Mammography CAD
- ▶ Kodak also offers the display of CAD results on common tracking and reporting software systems



Optional ergonomic cart holds case input station components for space-saving convenience and easy siting.



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More information

Learn more about the KODAK Mammography CAD System and Kodak's other mammography systems, products, and services. Contact your local Kodak representative. Or call 1-877-TO-KODAK (1-877-865-6325), ext. 626. Or visit

www.kodak.com/go/mammo