

MUSICA2 Software
Included

CR30-LSP+ Laptop Configuration

Configured to Meet Mobile Radiography Needs



Quantum/Agfa CR30-LSP+ Mobile Package

CR 30-X CR Reader

- Single Cassette Feed
- Throughput: Up to 70 Plates per hour (depending upon size and application)

CR NX Software - Includes Advanced Functions

Dell 830 Laptop Specification

- Processor Type: Dual-Core, 800 MHz FSB with 4.0 MB of level 2 smart cache: Intel® Core™ 2 Duo processor, T7300 (2.00GHz)
- Chipset Intel® 965GM (800MHz front side bus) with Intel® onboard graphics
- Memory: 512MB-4GB 6 shared 7 DDR 2 667MHz Memory - Installed : 2 GB
- Display: 15.4" WSXGA+ Ultra Sharp (200 nits); Installed resolution: 1280x1024
- External Display Supports up to a maximum resolution 1280x1024 (NX limitation)
- Graphics: integrated Mobile Intel® GMA X3100;
- Hard Drives: 80 Gb
- Pointing Device Touch Pad - PS/2 compatible, Track Stick - PS/2 compatible
- Dimensions H: 35.3mm/1.39" x W: 361mm/14.2" x D: 262.6mm/10.34"
- Weight: Starting at 5.97Lbs/2.71Kgs with 15.4" WXGA LCD, Intel® GMA X3100 graphics, CD-ROM and 6-cell battery, CD writer

CR ID Software

- ID Software records patient demographic and exam data in a study oriented format

DICOM Store/Send

- DICOM-Store Connection Software allows you to perform online transmission in the DICOM standard communication protocol format, with multiple types of output including the "P-Value" display function
- Output images can be transmitted via network or modem to PACS, remote stations or other modalities

DICOM Print

- Printer ready configuration can print to Agfa's Drystar dry printers and other DICOM enabled printers

CR NX Online Processing and MUSICA² Software

- Musica2 Online Processing Software Including:
 - Automatic Image Processing
 - Automatic Window/Level Setting
 - Basic QC-Viewer for Basic Image Corrections
 - Musica² Advanced Processing Control Panel
- Precision Tools
 - Advanced Annotation Tools
 - Digital Imaging Measurement Tools

DICOM CD Export

DICOM CD Burning with Viewer

CR Cassettes: 35 x 43 cm Cassette-Plate Set with MD 40 Plates - Quantity of 2 each

CR Cassettes: 24 x 30 cm Cassette-Plate Set with MD 40 Plates - Quantity of 2 each



Innovations in Digital Imaging

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The Most Frequent Tasks Are The Easiest To Do

NX's Worklist and Examination windows cover all of the radiographer's daily tasks. In the Worklist window, the radiographer can enter patient data or select it from an RIS-based worklist (optional), while in the Examination window, identify a cassette, define the examinations to perform and take the necessary steps to prepare an image for diagnosis. The examination window's Fast Preview allows correct positioning and exposure to be determined even while the final image is in the process of being completed.

MUSICA² Optimizes Image Quality and Workflow

Agfa HealthCare's unique and patented Multi-scale Image Contrast Amplification algorithm, "MUSICA²", automatically processes the radiographic image at multiple frequency ranges (detail sizes) and optimizes the contrast within each of these ranges. MUSICA² GenRad is second generation MUSICA² which intelligently renders exceptional bone and soft tissue detail simultaneously. MUSICA² analyzes the image data before applying optimal contrast and density to all details within the image. This results in maximum radiographic detail throughout the image, greatly reducing the need for manual activities such as window and level. The improved image quality, productivity and workflow result in a process that is more efficient from start to finish.

NX Precision Tools

NX Precision Tools allows the user to fine tune the image and convey pertinent information.

- Annotation can be added to an image, such as: markers, predefined text, drawing lines or geometrical shapes, applying shutters to mask areas of the image, etc.
- The user can zoom in an image for a more detailed view or zoom directly to a specific Region of Interest
- NX Precision Tools measure distance and angles
- Histograms can be shown for image analysis
- Manual adjustment of Musica² image processing parameters allow fine tuning for specific purposes

Available for Veterinary Applications

Unique Veterinary Exam Study Tree and Vet Specific Processing Algorithms

- Small and Large Animals
- Equine & Bovine
- Zoo & Exotics

Greyscale Resolution

- Data acquisition: 16 bits/pixel
- Output to processor: 12 bits/pixel

Reader Dimensions and Weight

- (W x D x H) 27.2" x 27.6" x 18.2"
- Depth Including Tray: 30.3"
- Weight: Approximately 98 kg

Power

- 120V/60Hz (USA)
- Standby 120W, max 250W, 15A fuse

Environmental Conditions

- Temperature: 59 to 86 F
- Humidity: 15 to 75% RH

Environmental Effect

- Noise level: max. 65dB (A)

Safety Specifications

- Approvals: UL, CUL, CE

Cassettes Included	Spatial Resolution	Pixel Matrix Size
2 ea - 35 x 43 cm	10 pixels/mm	3840 x 4248
2 ea - 24 x 30 cm	10 pixels/mm	2320 x 2930



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