

CR 35.0 SP PACKAGE

FOR QUANTUM MEDICAL IMAGING

Designed to meet the needs of the smaller practice, the CR 35.0 SP Package includes Agfa's CR 35.0 CR reader and introduces Agfa's new NX™ workstation and software. The CR 35.0 SP Package is designed to handle multiple radiographic applications. NX software has a simple, intuitive user interface, designed for the day-to-day user, making it easy to use and easy to learn.

The Most Frequent Tasks Are The Easiest To Do

The radiographer can perform all their daily tasks using NX's Worklist and Examination windows. The Worklist window allows the radiographer to enter patient data or to select it from an optional RIS-based worklist. In the Examination mode, the radiographer can perform identification and image QC all in one window. The Fast Preview feature confirms correct positioning and exposure even while the final image is being completed.

Excellent Image Quality

The CR 35.0 SP Package includes MUSICA™, Agfa's technologically advanced image processing software. MUSICA intelligently adjusts contrast between image features so visibility of bony and soft tissue is improved. From acquisition to reading, the entire process is quicker and more efficient.

NX Precision Tools

The CR 35.0 SP package includes NX Precision Tools that allow the user to fine tune the image and convey pertinent information by:

- Adding annotation to an image, such as: markers, predefined text, drawing lines or geometrical shapes, applying shutters to mask areas of the image, etc.
- Zooming in on an image for a more detailed view or zooming directly to a specific region of interest
- Measuring distance and angles
- Showing histograms to analyze the image
- Adjusting MUSICA image processing parameters manually to fine tune for specific studies



Integrated CR user station (optional) for time-saving identification and optimized workflow

For a broad range of applications...



CR 35.0 SP PACKAGE GENERAL TECHNICAL SPECIFICATIONS

CR type

- CR 35.0 Single Plate Reader
- Throughput: up to 73 plates/h (depending on size and application)

LCD display

- Machine status and error conditions

Grayscale resolution

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

Reader dimensions and weight

- (W x D x H): 45 x 75 x 141 cm (17.7 x 29.5 x 55.5 in)
- Depth at cassette slot: 73 cm (28.7 in)
- Weight: Approx. 210 kg

Power

- 120V/60Hz (USA)
- Standby 216W, max 1440W, 15A fuse

Miscellaneous

- High Quality 19" LCD Flat Panel Monitor with Touch-Screen
- CR NX Server: Dell Optiplex™ GX620 PC Workstation. Intel Pentium 4, 3.4 GHZ, 2GB DDR2 SDRAM, 1x80 GB SATA hard discs, CD R/W drive, keyboard, mouse: Microsoft Windows XP Pro™ SP2 OS (min. specification)

Environmental conditions

- Temperature: 15 to 30°C (59 to 86°F)
- Humidity: 15 to 75% RH
- Magnetic fields: max. 12.60 µT in conformance with EN 61000-4-8: level 3
- Rate of change of temperature: 0.5°C/minute (0.9°F)

Environmental effects

- Noise level: max. 65 dB (A)
- Heat dissipation: standby 350 W, max. 2000 W

The Quantum/Agfa CR 35.0 SP Package Includes:

- CR 35.0 Single Plate Reader With Automatic Cassette/Plate Handling
- CR NX Workstation
- Dell Optiplex GX620 PC Workstation, Intel Pentium 4, 3.4 GHZ, 2GB DDR2 SDRAM, 1x80 GB SATA Hard Discs, CD R/W Drive, Keyboard, Mouse: Microsoft Windows XP Pro SP2 OS (minimum specification)
- Barco 19" Flat Panel Black Touch-Screen LCD Resistive Touch & Serial Controller & Barco DICOM Optimizing™ Calibration Software
- CR NX SP Premium Software
- Patented MUSICA Image Processing Software
- CR NX Precision Tools
- CR NX ID and Examination Software
- DICOM Store/Send & DICOM Print
- "P-Value" Display Output For Compatible PACS
- DICOM CD Export For DICOM CD Burning With a Viewer
- 2 CR 35x43 Cassette/Plate Sets With MD 4.0 IP
- 2 CR 24x30 Cassette/Plate Sets With MD 4.0 IP
- Uninterruptible Power Supply



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