

# CR 30 SP PACKAGE

## FOR QUANTUM MEDICAL IMAGING

The CR 30 SP Package introduces Agfa's new CR 30-Xe digitizer, an exciting new table top CR designed specifically for the smaller practice. The compact and convenient CR 30-Xe is easy to install, use and maintain, providing seamless integration, from X-ray exposure to print or softcopy.

The CR 30 SP Package includes features that provide the same high image quality and advanced functionality of packages with more expensive full size models, because every patient deserves the highest image quality technology can deliver without compromise. Loaded with easy-to-use NX software features, designed to optimize workflow and make patient care your number one priority, this great package comes complete with the software and hardware you need to *Go Digital* today.

### ***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 the Modality Worklist. In the Examination mode, the radiographer can capture the patient identification and QC the image all in the same window. The Fast Preview feature allows confirmation of correct positioning and exposure within seconds, even while the final image is being completed.

### ***Excellent Image Quality***

The CR 30 SP Package includes MUSICA®, Agfa's Multi-Scale Image Processing software. MUSICA uses patented contrast equalization algorithms to automatically process the image. The result is enhanced visualization of even subtle features in both bony and soft tissue for uncompromising image quality.

### ***The Standard CR 30 Package Includes Software Loaded With Functionality:***

- Window and level, flip, rotate, image reversal
- DICOM print, store, export
- CD burn with viewer
- Advanced annotation to an image, including markers, predefined text, drawing lines or geometrical shapes, applying shutters to mask areas of the image and more
- Pan and zooming for a more detailed view
- Advanced measurement of distance and angles
- Histogram display for image analysis
- Advanced access to MUSICA image processing parameters to fine tune for specific studies
- RIS LINK for remote data entry



*For a broad range of applications...*

## CR 30 SP GENERAL TECHNICAL SPECIFICATIONS

### Digitizer type

- CR 30-Xe Single Plate Reader
- Throughput: Up to 50 per hour

### LCD display

- Machine status and error conditions

### Grayscale resolution

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

### Reader dimensions and weight

- (W x D x H): 693 x 701 x 464 mm (27.2 x 27.6 x 18.2 in)
- Depth including input tray: 769 mm (30.3 in)
- Weight: Approx. 98 kg (216.05 lbs)

### Power

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

### Minimum Requirements

- CR MD 4.0T General Cassette
- CR MD 4.0 General Plate
- NX

### Environmental conditions

- Temperature: 15 to 30°C (59 to 86°F)
- Humidity: 15 to 75% RH
- Magnetic fields: max. 3.8  $\mu$ T in conformance with EN 61000-4-8: level 2
- Rate of change of temperature: 0.5°C/minute (0.9°F)

### Environmental effects

- Noise level: max. 65 dB (A)
- Heat dissipation: standby 120 W, max. 250 W

### Approvals

- UL, cUL, CE

### Transport Details

- Temperature: -25 to +55°C (-4 to 131°F), -25°C for max. 96 hrs
- Humidity: 5 to 95% RH

### The Agfa/Quantum CR 30 SP Package includes:

- CR 30-Xe 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)
- 19" Flat Panel Black High Quality LCD Barco Monitor
- CR NX SP Premium Software
- Patented MUSICA Image Processing Software
- CR NX Precision Tools
- Modality Worklist
- CR NX ID and Examination Software
- DICOM Store/Send and DICOM Print
- "P-Value" Display Output For Compatible PACS
- DICOM CD Export For DICOM CD Burning With a Viewer
- 2 CR 30-X 35x43 Cassettes With MD 4.0 Imaging Plates
- 2 CR 30-X 24X30 Cassettes With MD 4.0 Imaging Plates



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