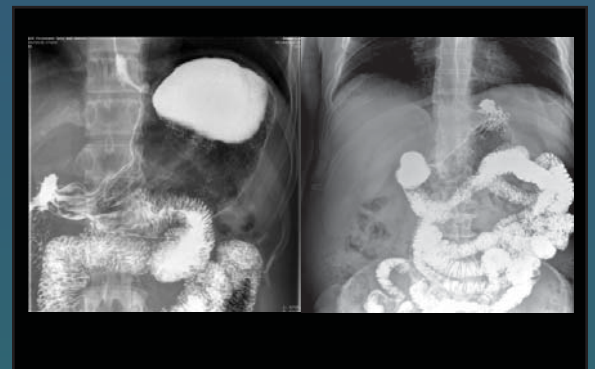


nexus^{DRF}

Nexus-DRF™

One system designed to increase the value of your entire imaging product portfolio.



A powerful multi-purpose digital imaging system, Nexus-DRF combines R&F and DR capabilities on one imaging platform using the PaxScan 4343CB flat panel detector.

Nexus DRF brings Varex Imaging's years of experience in digital imaging technology together with Varex Imaging's unrivaled flat panel technology to bring you a system that is a true value add for your R&F imaging needs.

Cost-effectiveness

- Fully integrated system solution from one supplier
- FDA clearance included
- Service mode with remote diagnostics

Productivity

- High-performance database for faster system throughput
- Enhanced GUI for easy navigation
- Optimized workflow
- DICOM 3.0 and IHE compliant

Advanced Image Quality

- Perfectly tuned algorithms do the work for you
- Complete post-processing toolkit for the really difficult cases

Integration Capabilities

- Nexus DRF can remotely control certain X-Ray generators
 - Currently the CPI IQ & Indico 100 are fully integrated
 - Talk to your Varex Imaging account manager about the possibility of integrating other generators

Nexus DRF System Specifications

- PC Tower electronics enclosure
- High speed CPU & GPU processing
- Configured to support the Varex Imaging 4343CB panel
- Exposure Index
- RAID 10 drive stores 10,000 patient files and 70,000 images (not intended to be an archival device)
- Windows 10® - 64 bit operating system with intuitive graphical user interface
- User input via touchscreen or keyboard & mouse
- DICOM DVD-RW with on-board viewer

Acquisition

- Real-time automatic image optimization
- Serial acquisition up to 12 FPS
- High resolution serial acquisition up to 4 FPS
- Customizable fields allow exam settings to be preprogrammed for one-click exam setup
- Supports multiple studies for a single patient session
- Dose recording from generator (Requires feedback from generator if equipped)

Fluoro

- Pulsed Fluoro
- Acquisition up to 25 FPS
- Fluoro loop with the option to store entire loop or single frames
- Fluoro loop cropping to relevant frames, to reduce file size
- Last image hold with option to review previous frames
- Integration with motion correction
- Advanced Contrast and Edge Enhancement

InfiVision™ Image Processing Software

- Imaging parameters tied to customizable APR-based acquisition profiles
- Basic measurement and annotation tools
- MRP- Multi-Resolution processing
- Dose and processing are automatically optimized based on selected frame rate and magnification

Software Features

- HIS/RIS work list support
- Configurable automatic study advance
- Over 500 preloaded exam profiles
- Accept/reject functionality
- Auto region of interest (ROI)
- Background multi-tasking hard copy allows simultaneous processing and printing during acquisition

DICOM 3.0 Network Interface

- DICOM 3.0 network interface kit includes print class, storage class, work list, modality perform procedure step, and storage commitment class

Supports IHE Integration Profiles

- Scheduled work flow
- Patient information reconciliation
- Portable data for imaging
- Key image note

4343CB Flat Panel Detector with

- Cesium iodide conversion screen
- 139 um pixel pitch for up to 3.6lp/mm spatial resolution
- 16 bit A/D for unrivaled contrast resolution
- Full 17 x 17 inch field of view fluoro up to 25 FPS
- Full resolution radiographic acquisitions up to 4 FPS

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More Information

As the world's largest independent supplier of medical X-ray components, we have extensive experience providing high-quality, safe, and effective products.

For more information, please contact a Varex Imaging sales representative at NexusSoftware.cs@vareximaging.com.