CPI X-RAY GENERATOR SERIES

The integration of CPI RADVISION™ with our “X-Ray Generators of Choice” provides exclusive plug and play compatibility with guaranteed industry leading performance.

**CPI X-RAY GENERATOR SERIES OFFER**

- CPI’s proven 200 kHz+ inverter technology and software architecture
- Low kV ripple – maximizes image quality by providing constant potential performance
- Embedded GenWare® Service Software allows set-up efficiency and system diagnostics from the imaging system console.

Optimized for Digital Radiography the **CMP 200®DR Series** X-Ray Generator is the NEWEST member of our “X-Ray Generators of Choice” family.

- Small
- Compact
- Lightweight
- Cost Effective

FOUR different models to choose from: 40 kW | 50 kW | 65 kW | 80 kW

**Indico 100® Series** X-Ray Generator has the capability to drive every major conventional/digital imaging system on the market today.

- Feature Rich
- Highly Adaptable
- Cost Effective

SIX different models to choose from: 32 kW | 40 kW | 50 kW | 65 kW | 80 kW | 100 kW

**FLAT PANEL DETECTOR**

CPI RADVISION™ is designed to be Adaptable and Upgradable to multiple Panels and any next X-Ray Generation Panel Technology. [Consult factory for other interface availability]

**CPI RADVISION™ PANEL INTERFACES**

- Varian PaxScan® 4343R Digital Radiography X-Ray Detector
- Varian PaxScan® 4336R Portable Radiography X-Ray Detector
[Consult factory for other interface availability]

**CPI RADVISION™ PANEL FEATURES**

- Choice of two Conversion Screens: Cesium Iodide OR Gadolinium Oxide
- Flat Panel Sensor and Processor Software
- Dual Panel Configuration (Dual density or dual sensitivity)
- Universal Multi-output Power Supply
- Digital Data Conversion with 16,000 grayscales
- 9 million Pixel Resolution gives Optimal Image Definition and Distortion Free Images

** Seamlessly Integrated: One Company - One Product - Multiple Solutions**

ONE COMPANY
ONE PRODUCT
MULTIPLE SOLUTIONS
SEAMLESS INTEGRATION

As leaders in X-Ray Generator Technology we are utilizing over two decades of integration expertise in bringing you the next step in our evolution.

From the company with a proven commitment to exceptional reliability and support that gave you “X-Ray Generators of Choice” and “Integrated Solutions” we now want to introduce you to CPI RAD VISION™. One of a line of fully integrated Static and Dynamic Digital Imaging solutions.

The medical technology landscape is ever changing and with this comes a need to provide our customers with better and more efficient solutions which are innovative and competitive.

CPI RAD VISION™ seamlessly integrates state of the art flat panel static digital imaging with CPI’s class leading X-Ray Generator Technology. Image Quality, Acquisition Speed, Advanced Applications, Clinical Utilization and overall Workflow Productivity are all key benefits of CPI RAD VISION™.

INTRODUCTION

ONE COMPANY - ONE PRODUCT - MULTIPLE SOLUTIONS

BENEFITS OF CPI RAD VISION™

IMAGE QUALITY
- Achieved by Advanced Multi-Scalar Image Enhancement Software
- Advanced Image Processing Tuning for Bone, Soft Tissue and Organs
- Advanced Image Processing Tools such as Noise Reduction, Edge Enhancement and Gamma Correction
- Application of Automatic Electronic Shuttering

ADVANCED APPLICATIONS
- Intuitive Graphical User Interface (GUI): Enables logically sequenced access to all system features promoting efficient workflow
- Customized APR Protocol Selector and Editor
- Multiple Dose Monitoring features such as DAP, Deviation Index and Exposure Index
- Centralized Message Error Log for all three components of the Imaging System
- Full Range Brightness, Contrast and Sharpness Tools: Window/Level, Advanced Image Enhancement, Image Reprocessing
- Comprehensive Measurement and Annotation Tools
- Image Export Features: Networking of images to PACS, CD/DVD or Printer

CLINICAL UTILIZATION
- Compatibility to a range of Clinical Settings from a small Clinic to a high Volume Hospital (RIS and Non RIS, PACS and Non PACS work settings)
- Synchronized APR settings between Digital Imaging System and Generator for intuitive and efficient single console control
- Pentium Class Computer: Windows OS, High-speed CPU, X-ray Generator Interface, Image Receptor Interface and Network Communications Port with supported DICOM devices
- Built-in Set Up and Diagnostic Utilities simplifying service activities
- Large-Screen Real-estate: Single Wide Screen Monitor Display: 22" LCD Color Monitor
- 1024 x 1024 Pixel Resolution
- Certified ISO 9000 Series
- DICOM 3.0 Network Interface: Enables communication to RIS and PACS for Work-list, Print and Archive
- Medically Graded Line Isolation Transformer
- Keyboard (USB)
- Mouse

DESIGN STANDARDS / SPECIFICATIONS

- CDRH 21 CFR title 21 subchapter J
- Radiation emitting Devices Act (Canada), Ch. 34
- Canadian Medical Device Regulation Sections 10-23
- EC Directive 93/42 EEC concerning Medical Devices
- UL, CSA, and CE marked
- DICOM Standards
- IHE Technical Framework, Revision 8.0

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From the company with a proven commitment to exceptional reliability and support that gave you “X-Ray Generators of Choice” and “Integrated Solutions” we now want to introduce you to CPI RAD VISION™. One of a line of fully integrated Static and Dynamic Digital Imaging solutions.

The medical technology landscape is ever changing and with this comes a need to provide our customers with better and more efficient solutions which are innovative and competitive.

CPI RAD VISION™ seamlessly integrates state of the art flat panel static digital imaging with CPI’s class leading X-Ray Generator Technology. Image Quality, Acquisition Speed, Advanced Applications, Clinical Utilization and overall Workflow Productivity are all key benefits of CPI RAD VISION™.

INTRODUCTION

ONE COMPANY - ONE PRODUCT - MULTIPLE SOLUTIONS

BENEFITS OF CPI RAD VISION™

IMAGE QUALITY
- Achieved by Advanced Multi-Scalar Image Enhancement Software
- Advanced Image Processing Tuning for Bone, Soft Tissue and Organs
- Advanced Image Processing Tools such as Noise Reduction, Edge Enhancement and Gamma Correction
- Application of Automatic Electronic Shuttering

ADVANCED APPLICATIONS
- Intuitive Graphical User Interface (GUI): Enables logically sequenced access to all system features promoting efficient workflow
- Customized APR Protocol Selector and Editor
- Multiple Dose Monitoring features such as DAP, Deviation Index and Exposure Index
- Centralized Message Error Log for all three components of the Imaging System
- Full Range Brightness, Contrast and Sharpness Tools: Window/Level, Advanced Image Enhancement, Image Reprocessing
- Comprehensive Measurement and Annotation Tools
- Image Export Features: Networking of images to PACS, CD/DVD or Printer

CLINICAL UTILIZATION
- Compatibility to a range of Clinical Settings from a small Clinic to a high Volume Hospital (RIS and Non RIS, PACS and Non PACS work settings)
- Synchronized APR settings between Digital Imaging System and Generator for intuitive and efficient single console control
- Pentium Class Computer: Windows OS, High-speed CPU, X-ray Generator Interface, Image Receptor Interface and Network Communications Port with supported DICOM devices
- Built-in Set Up and Diagnostic Utilities simplifying service activities
- Large-Screen Real-estate: Single Wide Screen Monitor Display: 22" LCD Color Monitor
- 1024 x 1024 Pixel Resolution
- Certified ISO 9000 Series
- DICOM 3.0 Network Interface: Enables communication to RIS and PACS for Work-list, Print and Archive
- Medically Graded Line Isolation Transformer
- Keyboard (USB)
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DESIGN STANDARDS / SPECIFICATIONS

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- Radiation emitting Devices Act (Canada), Ch. 34
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- EC Directive 93/42 EEC concerning Medical Devices
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- DICOM Standards
- IHE Technical Framework, Revision 8.0
SEAMLESS INTEGRATION

As leaders in X-Ray Generator Technology we are utilizing our proven commitment to exceptional Reliability and Support that gave you "X-Ray Generators of Choice" and "Integrated Solutions" we are now introducing you to CPI RAD VISION™. The result of a true integration of Static and Dynamic Digital Imaging solutions.

The medical technology landscape is ever changing and it is our goal to provide our customers with better and more efficient solutions which are innovative and competitive.

CR RAD VISION™ seamlessly integrates state of the art flat panel static digital imaging with CPI's class leading X-Ray Generator Technology, Image Quality, Acquisition Speed, Advanced Applications, Clinical Utilization and overall Workflow Productivity are all key benefits of CR RAD VISION™.

INTRODUCTION

125 W

250.0 mAs

8.0 m

2.0 m

BENEFITS OF CPI RAD VISION

IMAGE QUALITY
- Achieved by Advanced Multi-Scalar Image Enhancement Software
- Advanced Image Processing Tuning for Bone, Soft Tissue and Organs
- Advanced Image Processing Tools such as Noise Reduction, Edge Enhancement and Gamma Correction
- Application of Automatic Electronic Shuttering

ADVANCED APPLICATIONS
- Intuitive Graphical User Interface (GUI): Enables logically sequenced access to all system features promoting efficient workflow
- Customized APR Protocol Selector and Editor
- Multiple Dose Monitoring features such as DAP, Deviation Index and Exposure Index
- Centralized Message Error Log for all components of the Imaging System
- Full Range Brightness, Contrast and Sharpness Tools: Window/Level, Advanced Image Enhancement, Image Reprocessing
- Comprehensive Measurement and Annotation Tools
- Image Export Features: Networking of images to PACS, CD/DVD or Printer

CLINICAL UTILIZATION
- Compatibility to a range of Clinical Settings from a small Clinic to a high Volume Hospital (RIS and Non-RIS, PACS and Non PACS work settings)
- Synchronized APR settings between Digital Imaging System and Generator for intuitive and efficient single console control
- Pentium Class Computer, Windows OS, High-Speed CPU, X-ray Generator Interface, Image Receptor Interface and Network Communications Port with supported DICOM devices
- Built-in UP and Diagnostic: Utilities simplifying service activities
- Image Screen Real-estate: Single Wide, Screen Monitor Display, 22", LCD Color Monitor
- 1680 x 1050 Pixel Resolution
- DICOM 3.0 Network Interface: Enables communication to RIS and PACS for Worklist, Print and Archive
- Medically Graded Line Isolation Transformer
- Keyboards (USB)
- Mice

DESIGN STANDARDS / SPECIFICATIONS
CDRH 21 CFR title 21 subchapter J
Radiation emitting Devices Act (Canada), Ch. 34
Canadian Medical Device Regulation Sections 10-23
IEC 60601-1-2, X-Ray Conformance Medical Devices
IL, CSA, and CE marked

HIGH PERFORMANCE OPTIONS
- Image Stitching
- Expanded Storage Capacity
- Power Back-up
- Storage Commitment
- Rejected Analysis
- Touch-screen
- MPPS

One Company - One Product - Multiple Solutions
CPI X-RAY GENERATOR SERIES

The integration of CPI RADVISION™ with our “X-Ray Generators of Choice” provides exclusive plug and play compatibility with guaranteed industry leading performance.

CPI X-RAY GENERATOR SERIES OFFER:

• CPI’s proven 200 kHz+ inverter technology and software architecture
• Fast X-Ray and High Resolution Image Quality by providing control over system performance
• Embedded GenWare® Service Software allows set-up efficiency and system diagnostics from the imaging system console

Optimized for Digital Radiography the CMP 200®DR Series X-Ray Generator is the NEWEST member of our “X-Ray Generators of Choice” family.

• Small
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FLAT PANEL DETECTOR

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CPI RADVISION™ PANEL INTERFACES

• Varian PaxScan® 4343R Digital Radiography X-Ray Detector
• Varian PaxScan® 4336R Portable Radiography X-Ray Detector

[Consult factory for other interface availability]

CPI RADVISION™ PANEL FEATURES

• Choice of two Conversion Screens: Cesium Iodide OR Gadolinium Oxide
• Flat Panel Sensor and Processor Software
• Dual Panel Configuration (Consult factory for availability)
• Universal Multi-output Power Supply
• Digital Data Conversion with 16,000 grayscale
• 9 million Pixel Resolution gives Optimal Image Definition and Distortion Free Images

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Indico 100® Mini Console

CMP 200®DR

SEAMLESS INTEGRATION: ONE COMPANY - ONE PRODUCT - MULTIPLE SOLUTIONS
CPI X-RAY GENERATOR SERIES

The integration of CPI RADVISION™ with our “X-Ray Generators of Choice” provides exclusive plug and play compatibility with guaranteed industry-leading performance.

BOTH X-RAY GENERATOR SERIES OFFER

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(Consult factory for other interface availability)

CPI RADVISION™ PANEL FEATURES

- Choice of two Conversion Screens: Cesium Iodide OR Gadolinium Oxide
- Flat Panel Sensor and Processor Software
- Dual Panel Configuration (Limited availability for multi-tabbed)
- Universal Multi-output Power Supply
- Digital Delta Conversion with 1,000 grayscale levels
- 9 million Pixel Resolution gives Optimal Image Definition and Distortion Free Images

Indico 100® Mini Console
CMP 200® DR
SEAMLESS INTEGRATION
ONE COMPANY - ONE PRODUCT - MULTIPLE SOLUTIONS

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Indico 100® Mini Console
CMP 200® DR
SEAMLESS INTEGRATION: ONE COMPANY - ONE PRODUCT - MULTIPLE SOLUTIONS