

# REMANUFACTURED RADIOGRAPHIC ROOM SPECIFICATIONS



Amber Diagnostics has been refurbishing Radiographic Room Systems Since 1994.

All systems can be custom refurbished to meet all of your specific financial budgets and technical requirements.

Amber Diagnostics refurbishes and re-assembles all systems under a thorough electronic, mechanical and cosmetic refurbishing program. Upgrades may include critical structural reinforcements and replacement of major cabling and control components.

**AMBER**  
**DIAGNOSTICS**  
*Saving a Life Everyday*



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# RADIOGRAPHIC ROOM

WITH NEW X-RAY GENERATOR OPTIONS



Amber Diagnostics' Remanufactured Radiographic Room Systems begin with a complete tear-down. All mechanical and electronic systems are then functionally and cosmetically inspected, evaluated and remanufactured to exacting standards. Each system is then pre-staged for operational compatibility and calibration to OEM specifications.

## X-RAY SYSTEM FEATURES

We offer customized component choices including new digital imaging options, new or remanufactured X-ray generators, spot-film devices, imaging systems, suspension systems, and collimators. We also offer a variety of complete, packaged room systems with versatile system options.

A pleasant atmosphere, comfort, and short examination times are becoming increasingly important in radiology departments. This is where our Remanufactured Rad room systems really shine, especially with their operation and handling.

- Robust and easy-to-use floor-mounted system
- Selectable fixed table heights or adjustable table
- Outstanding image quality with minimal dose
- Simple, ergonomic, accurate operation

**CLINICAL:** Modular x-ray system which satisfies all of your special radiographic needs:

- Routine workstation for all orthopedic needs and trauma diagnostics; for examinations of the thorax, abdomen, pelvic and cranial regions, and the spinal column as well as the extremities.
- Upper extremities can be positioned close to the table edge.
- The Bucky wall stand expands the system into a routine workstation for examining standing patients, and for pediatric exposures using cradles.
- Special accessories and the appropriate system adjustments make the workstation ideal for pediatric radiology.
- Tomo exposures\* without tomo rod with an electronic tomo device for linear planigraphy.
- Outstanding imaging results at minimal dose is the basis for a safe, useful diagnosis

Low dose requirements due to highly radiolucent tabletop and the short tabletop-to-film distance greatly enhance overall exposure quality.

The ACSS\* (Automatic Cassette Size Sensing) function saves time and protects you from unnecessary radiation exposure. The integrated Automatic Exposure Control (AEC) prevents the need for repeated exposures.

The connection of a dose measurement chamber built into the collimator provides additional radiation protection.

- Efficiency and reliability with a system designed for the future
- Long life, low operating costs, high patient throughput.
- Easy, ergonomic, error-free, patient-oriented operation.

### OPERATIONAL:

The modular Rad room system enables you to perform optional applications right from the start, making it a highly cost-effective system:

- Motorized adjustment of table height for the easy and smooth examinations and transfer of small, disabled, or immobile patients.
- Excellent access to the patient from all sides.
- Patients up to 190 cm in height can be examined from head-to-toe without the need for repositioning.
- A kick switch programmed to your specifications for releasing the table brakes and activating table lift.
- An ergonomically rounded Bucky tray.

\*Optional

# REMANUFACTURED RADIOGRAPHIC ROOM SPECIFICATIONS

When considering the purchase or reallocation of an existing medical asset which is restored back to its original quality level and original manufacturers specifications can prove extremely cost effective.

For many organizations, purchasing refurbished equipment is a cost-effective alternative compared to purchasing new equipment. **Savings are typically 40 to 60 percent off less than new equipment.**

With this level of savings, healthcare organizations can stretch their equipment dollars, providing for multiple requirements.

Every refurbished system comes with a comprehensive warranty.

# RADIOGRAPHIC ROOM

WITH NEW X-RAY GENERATOR OPTIONS

## X-RAY GENERATOR OPTIONS

### NEW UPGRADE OPTIONS:

Our remanufactured systems are available with the following new X-Ray generator upgrades. Cost-effective for all radiographic applications (hospitals, medical clinics, chiropractic and veterinary applications)

#### Indico 100 RAD

- Programmable using Service Software or the operator console
- Operating Modes: kV/AEC, kV/mAs, kV/mA/Time
- Output frequency in excess of 100 kHz +
- 32/40/50/65/80 & 100 kW power levels
- Compatible with both digital and conventional radiographic (RAD) systems
- 1 or 2 tube operation
- 150 kV standard

#### CMP 200 series

True 100 kHz + (RAD only) 'clinical-quality' X-Ray generators that promise the best price/ performance ratio in their market.

3 different models to choose from:

- 32 kW and 40 kW
- 1 Phase 208/230 VAC (125kV) only
- 3 Phase 208/230 VAC (125 kV) only
- 3 Phase 400/480 (125 kV) standard (150 kV optional)
- 50 kW
- 1 Phase 208/230 VAC (150kV) standard
- 3 Phase 400/480 VAC (150 kV) standard

### FEATURES:

- State-of-the-art 100kHz + FET-based switching technology from the Indico 100® is also here in the CMP 200®.
- Anatomical programs available in several languages – and easily edited using the Operator Console
- Technique Selection:
  1. kV with AEC (Optional),
  2. kV/mAs,
  3. kV/mA/Time,
  4. kV/cm Thickness
- Low kV ripple -- maximizes image quality by providing constant potential performance at a fraction of the cost of more expensive models.
- Patient Body-Part Thickness mode
- CPI's output frequencies in excess of 200 kHz are the highest in the industry and produce the lowest kV ripple, resulting in the highest potential image quality and the lowest stored energy. This simply means you get maximum tube protection and the longest tube life.
- Operator Control Console available with international symbols or text.
- Touchscreen Control Console (Optional)
- Wall Mount (Optional)
- Automatic Exposure Control (AEC) (Optional)
- Dose Area Product (DAP) Interface (Optional)
- Automatic Tube Calibration
- Compact, cost effective design saves you money in transportation and installation.
- Handswitch (Optional)
- Collimator power supply
- Tomography interface (Optional)

#### Indico 100® Generator

CPI's Indico 100® Generator drives every major conventional/digital imaging system on the market today. Pulsed & Conventional Fluoroscopy – all in one compact cabinet.

### Universal console for RAD applications

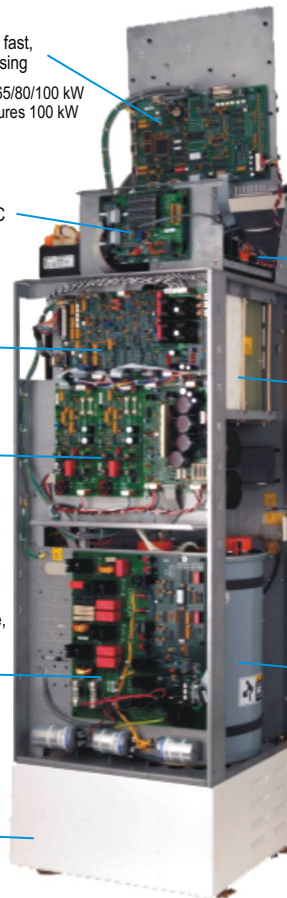
- Fast, easy user-friendly operation
- Radiographic display
- Internationally recognized symbols
- Programmable imaging receptors



Indico 100 RAD



CMP 200 series

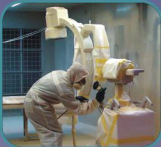


- 16 Bit CPU for fast, flexible processing
- RAD 32/40/50/65/80/100 kW Special Procedures 100 kW
- Easy-to-access for setup and service
- Generator Interface
- Universal or Dedicated AEC Interface
- FET Inverter Modules
- Control Board
- 100 kHz + Output Frequency
- Filament Board(s)
- Low Speed Starter or Integrated, Dual-Speed Starter Module, multiple stator compatible.
- H.V. Module
- Optional Auxiliary Cabinet for 120/240 VAC 1.5VA

1 Phase 230 VAC  
3 Phase 400 or 480 VAC

Indico 100 Generator

## REFURBISHING PROCESS



AESTHETICS



MECHANICAL INTEGRITY



O.E.M. SYSTEM REQUIREMENTS

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