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Find the *GE Healthcare Precision 500D* at our website: *Click HERE*

# Precision 500D

Precision* 500D is our versatile R&F system that offers you the ability to choose digital radiography on your terms.

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Overview | Benefits | Technology | Specifications | Dose Management | FlashPad

Whether you already have the Precision 500D R&F system installed or are looking for a new R&F solution, you'll appreciate the flexibility our DR Imaging Option gives you: digital radiography today or tomorrow.

The Precision 500D gives you the flexibility to fulfill a variety of R&F roles depending on your needs. You can choose:

- **Digital-ready R&F system** that converts easily when you're ready, or
- **Fully digital R&F system** from the start

**Why choose Precision 500D?**

**Cost-Effective**
The system allows you an affordable transition to digital radiography, enabling you to ease into your digital solution when you're ready.

**Invest with Confidence**
FlashPad* can be used with other compatible GE X-ray systems.

**Enhances Workflow**
Touchscreen monitor lets you quickly select the protocol, display images in real-time and transmit them automatically to PACS.

**Better Room Utilization**
By adding our DR Imaging Option, you get an R&F system and a digital radiography room all in one.

**Speedy Upgrade**
The DR Imaging Option can be added in as little as one day, with minimal downtime or interruption

**The Precision 500D offers:**

- Image Performance
- User Productivity
- Dose Management/Monitoring
- System Reliability
- Connectivity

The operating console groups all system controls and indicators into one ergonomically designed interface and a module for x-ray control, enabling communication and electronic management of all system components. A touch-screen is used for display and selection of all parameters for exposure control and digital image filming. An 18” LCD display TV monitor is used for image review.

The operating console is the primary control room input device. On it are the controls and displays for x-ray generation and for the most commonly used digital review and filming parameters. The console consists of a 19-inch color touch-screen, a hand switch for making radiographic x-ray exposures, an interface module for x-ray control including on/off and reset switch, and a set of lights to indicate system status.

The DR Imaging Option provides a digital solution for existing Precision 500D R&F rooms.The solution consists of a wireless detector, acquisition workstation and system interface unit that can be easily integrated into your existing and new Precision 500D rooms. The FlashPad wireless detector can be shared between compatible GE x-ray systems.

- **Pediatric mode** is a special pediatric imaging mode for small patients that is integral to the As Low As Reasonably Achievable philosophy. It allows for significant dose savings; 20% – 35% less than in the standard imaging mode with virtually no loss in image quality and up to 75% when combined to pulsed mode fluoroscopy
- **AutoEx** automatically selects the optimized exposure parameters based on patient thickness, field of view and contrast media. On-the-fly adjustments help optimize technique efficiency and help ensure consistently clean, high quality images without overexposing the patient.

**FlashPad Digital Detector (Optional)**

**Design that matches the rigors of an x-ray environment and the way you work:**

- **Square shape** allows for maneuvering in any direction—behind and beside your patient—for ease of positioning and patient comfort.
- **Two handles offer a secure grip** to help prevent droppage and ease user fatigue.
- **Single-panel, non-tiled construction** helps eliminate blind zones.
- **Fluid resistance, patented cushioning system, and carbon graphite materials** help ensure durability, minimizing breakage and replacement needs.
- **Large active imaging area** means additional coverage, and can accommodate a distributed weight load up to 352 lbs.

**Shareability and versatility that maximize your investment:**

- **Easy shareability** means FlashPad can be used across compatible GE radiography systems.
- **Built-in advanced application capabilities** help ensure that your growing radiology needs can be met down the road.

**Seamless connectivity for fast, reliable, and secure data transfer:**

- Short-range, Ultra-Wideband technology coexists with your hospital’s information network so that real-time data is transmitted where and when you need it.
- Connectivity protocol complies to FCC wireless standards.
- Dedicated channel is equipped to handle large file sizes.

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