

# Welcome to the Future of Digital Imaging

## Extreme 1012



### TRUE FLAT SCAN PATH

The Extreme 1012 has a patented design that incorporates a true flat scan path, an ultra precise scan mechanism, and using protective cassettes, produces over 300,000 high resolution images per plate.

Simply put, our imaging plates are affixed to rigid black panel so that nothing ever touches the active phosphorus area of the plate, resulting in artifact free images throughout plate lifetime. Unlike most CR products, the Extreme 1012 uses no rollers to transport the plate across the two scan heads.

The Extreme 1012 has been designed for small format applications, the 80-95 plates per hour throughput makes it ideal for medium to high volume environments. The Extreme 1012's small footprint makes it a perfect fit for any location.

This system is the result of precision engineering electronic, optical and mechanical design-yielding high quality digital imaging tools for the medical profession.



### KEY ITEMS

- Premium CR solution
- 80-95 plates per hour
- Patented true flat scan path
- Low cost of ownership
- Advanced image processing
- **24-month warranty on Extreme scanner**
- **36-month warranty on imaging plates**
- 20/20 Imaging QPC XSCAN32 software
- EDGE high fidelity multi scale image processing
- Interactive and automatic imaging processing



# Extreme 1012

20/20 Imaging's full range of CR solutions are designed to grow and adapt to the evolving medical imaging environment. From image acquisition, digitizing and image quality control to processing and teleradiography, 20/20 Imaging offers everything your practice needs to achieve a streamlined cost-effective workflow.

## EXTREME 1012 SPECIFICATIONS

### Grayscale Resolution

- 16 bits/pixel source file, 65,000 shades of gray

### Spatial Resolution

- 10" x 12" 5 Line Pairs/mm

### Dimensions

- 20"H x 10"D x 34"W - scanner
- 40"H x 22"D x 37"W - cart

### Weight

- 42 lbs - scanner

### Power

- 100-240 V AC/1.5A max:47-63 Hz

### Imaging Plate Sizes

- 10" x 12" (24 x 30cm)
- 8" x 10" (18 x 24cm)

### Environmental Conditions

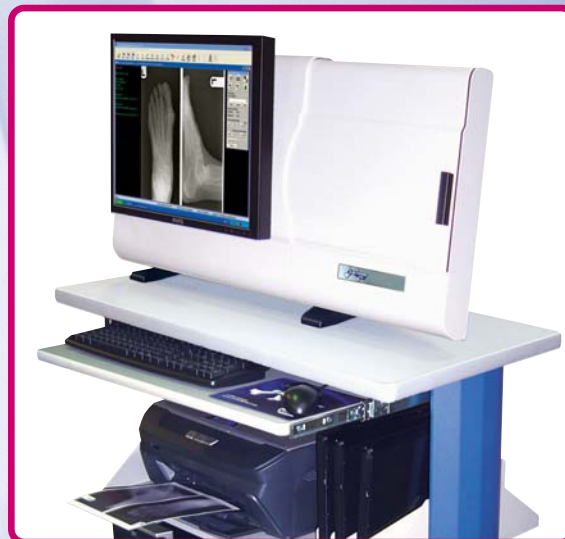
- Temperature: 0°- 40° C/59°-105° F
- Temperature change: 0.5° C/min
- Humidity: 15% - 95% RH
- Magnetic Fields: max.1260  $\mu$ T (in conformance with EN61000-4-8; level 3), 10A/m

### Resolution Selections

- 200-100 micron sample size, selectable in increments of 10

### Computer Configuration

- Pentium, 4 class device
- 250 GB HD, 1 GB RAM
- Windows 2000 or XP
- Modem, NIC card, CDR-W
- USB 2 high speed interface



### Scan Time

- 80 plates per hour – 10" x 12" cassettes
- 95 plates per hour – 8" x 10" cassettes

### Other Features

- Integrated Eraser
- Variable erase time selectable
- Scanning and erasing in one step, ultra high throughput
- 1 internal moving part
- Precision rack and pinion drive system
- High resolution and standard resolution selectable scanning parameter
- True Flat Scan Path™
- No plate damage/wear during scan process

### Approvals

- U.S. and international patents granted

### Safety Standard

- FDA approved/CE approved