# VertX™

## Innovative Computed Radiography

CRYSTAL IP
CRYSTAL CLEAR IMAGES

☑ HIGHER RESOLUTION
☑ LOWER DOSE


**16** | Bit Resolution | **75** | Plates Per/Hr | **50** | Lbs

### **Highly** Portable | **One Moving** Part | **Military** Choice

VertX™, the Choice of the United States Military was designed with tough in mind. This portable CR offers a flexible digital imaging solution for all medical imaging environments that withstood several vigorous military environmental testing procedures.

Physicians can achieve amazing workflow at a much lower cost with its integrated pairing with the robust and feature-rich image processing **XC™** software. **XC** provides superior quality images every time with an option to further manipulate the images.

iCRco | Image Capture Review

# ICR | VertX

## Image Capture Review

## IMAGE

### 3600 | HD RESOLUTION CR

**VertX** is a scalable design that allows for the highest efficiency **Crystal IP** phosphor screens, 16 Bit available gray scale, and upgradable features that provide users with stunning 10 lp/mm maximum resolution.

## CAPTURE

### XC | ACQUISITION

**XC** touchscreen acquisition with ICE-3 Enhancement Processing provides all-new features including, "Image Display State" to ensure balanced presentation of both soft tissue, overlapping bone structures, and automatic analysis of image characteristics to optimize processing.

## REVIEW

### CLARITY PACS

Our fully web-enabled and integrated PACS solutions help transition your practice into a safe, secure, and filmless environment. **Clarity PACS™** supports all your current and future imaging needs.

**icrco.com**

# VertX™

## Innovative Computed Radiography

TFSP
TRUE FLAT SCAN PATH

Although computed radiography technology has been widely accepted, other major manufacturers follow the same pattern of removing the costly phosphor plates and running them through rollers in their CR readers. iCRco has re-invented how CR technology works with **True Flat Scan Path™**. This technology ensures the phosphor plate never leaves the cassette to avoid any plate handling, damage or wear during the scan process.

### VERTX™ FEATURES

- Choice of the U.S. Military
- Passed vigorous military testing
- Easily mounted on a GE AMX-4*
- Mobile or stationary
- Superior image processing software
- Small footprint and simple to use.

*GE AMX-4 is a trademark of GE

SEIZE THE **FUTURE**
OF **MEDICAL IMAGING**
WITH *i*CRco

## VertX™ Specifications*

| Micron Spot Size | Pixels Per mm | Dots Per Inch (DPI) | Line Pairs Per mm |
|---|---|---|---|
| 155 | 5 | 163 | 3.1 |
| 100 | 10 | 254 | 5 |

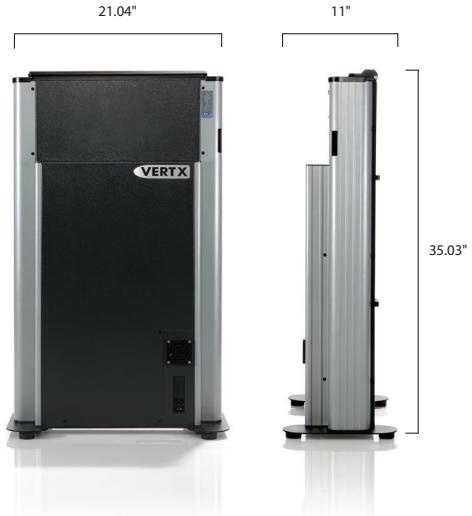
| | |
|---|---|
| **Grayscale resolution** | 16 bits/pixel source file, 65536 shades of gray |
| **Image access time** | 35 seconds |
| **Configuration** | Portable or smallest stationary CR |
| **Weight** | 50 lbs |
| **Dimensions** | W21" x D8.15" x H35" (W112 x D31 x H59 cm) |
| **Power source** | 100-240V AC/ 2.5A max; 47-63Hz (universal power supply) |
| **iSupply** | 24V portable DC power supply available,<br>270 scans on single charge |
| **Heat generation** | Standby 230W, maximum 1610W |
| **Operating conditions** | Temperature; 0-40°C/32-105°F, temperature change: 0.5°C/min,<br>humidity: 15%-95% RH, magnetic fields: max 1260 µT<br>(in conformance with EN 61000-4-8: Level 3), 10 A/m |

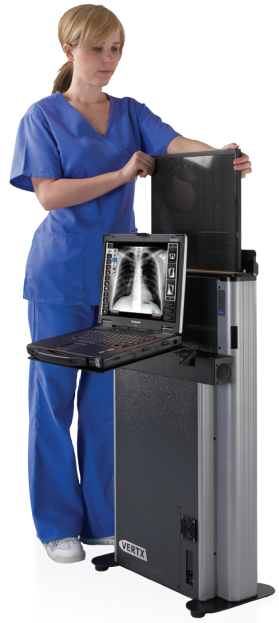
** Specifications are subject to change without notice. Processing and display time dependent on processor speed, RAM disk access time, and video card.*

## XC™ Acquisition Software Features

- XC - Intuitive touchscreen acquisition
- ICE-3 Processing - Automated image characteristics analysis for maximum image enhancement
- Image Display State: Automated enhancement of image display at the point of acquisition
- Smart search, sort, and filter options
- Integration with front office management systems like RIS and EMR
- Full set of annotation and measurement tools
- User-preferred settings and privileges

## Outer Dimensions




**Components are made from 98% recyclable parts • iCRco is an ISO 13485 certified company • U.S. and international patents granted • Additional patents pending • FDA accepted • Medical CE mark** CE 0086



iCRco, INC. | 26 COROMAR DRIVE, GOLETA CA, 93117 | TEL: 310.921.9559 | FAX: 805.685.1308 | INFO@ICRCOMPANY.COM | ICRCO.COM