

READER COMPUTED RADIOGRAPHY DIGITAL (COMPANO) TOC

**PHILIPS MEDICAL SYSTEMS OF NORTH AMERICA
MODEL COMPANO**

Manufacturer's Phone: (800) 722-9377 , FAX: (978) 659-4995

Website: <http://www.medical.philips.com>

AAC "J" ITEM NSN 6525-01-505-7191

UA's: UA N305

**USAMMA POC: Materiel Acquisition Directorate, 301-619-7403, DSN 343-7403
UNIT PRICE: \$61,000.00**

System Description: Is a high volume (60 plates per hour) computed radiography (CR) system for lower-volume imaging environments. Images are acquired in less than a minute with no film, no chemicals, and no disposal (environmental) issues.

Predeployment Training: Hands-on training is required. Training concept is to provide equipment and "train the trainer" training to RTS-MED Site(s) to support training requirements for deploying AC and RC units. No additional cost for training.

X-ray plate sizes processed:

- 1) 08 in x 10 in
- 2) 10 in x 12 in
- 3) 14 in x 14 in
- 4) 14 in x 17 in

Upgrade Advantages

1. Weight reduction by eliminating:
 - a. Film
 - b. Processing Fluid
 - c. Silver recovery
2. Digital images acquired in less than 1 minute.

Main features: The advantages of the PCR Compano system compared with conventional radiography are to be found in the higher volume of diagnostic information which is obtained by digital processing.

1. Provides an interface for a Radiology Information System (RIS) and automatically transfers data to the film.
2. Links the cassette to the appropriate examination.
3. Makes the films according to user-specific layouts at the press of a button.
4. Offers significantly increased exposure range.
5. Reduces retakes with the help of an internal auto ranging process.
6. Improves image contrast due to the linear characteristics of the imaging plate.
7. Permits the imaging of bone and soft tissue structures in one exposure.
8. Combines the cassette exposure process with the advantages of digital technology.

9. Communicates images via DICOM to networked workstations, laser imagers and archives.
10. Includes: Single plate CR reader, 2 workstations (QA) (post processing), CD burner, one 15", and one 18" color 1K x 1K monitors, 36 Gig Hard drive, 10 x 100 mini hub switch kit, and RIS interface
11. EV Rad Workstation w/ 15"&18" Flat Screen Monitor, CD/RW Drive, 36 GIG Hard Drive
12. Throughput: 56–60 plates per hour
13. 5 each Plates & Cassettes: 8x10, 10x12, 14x14 14x17 in
14. Uninterrupted Power Supply (UPS)
15. Codonics Horizon GS Printer (Prints film 8x10, 14x17 in or glossy paper)

HIGH VOLUME CR ENVIRONMENTAL SPECIFICATIONS

| | | | |
|--|---------------|---|--|
| Analyzer Dimensions CR Reader | Height | 53" | |
| | Width | 24.4" | |
| | Depth | 30" | |
| | Cube | 22.5 cu ft | |
| | Weight | 441 lbs | |
| Analyzer Dimensions PCR USIT | Height | 55" | |
| | Width | 24" | |
| | Depth | 30" | |
| | Cube | 22.9 cu ft | |
| | Weight | 242.5 lbs | |
| Analyzer Dimensions PCR EASY VISION | Height | 55" | |
| | Width | 24" | |
| | Depth | 30" | |
| | Cube | 22.9 cu ft | |
| | Weight | 264.5 lbs | |
| Operating Temperature | | 59°F to 80°F | |
| Storage Temperature | | 32°F to 113°F | |
| Operating Humidity | | 40% to 80 % non condensing | |
| Storage Humidity | | 0% to 90 % non condensing | |
| Power Requirements | | 110 –220 volts 3 amps 1220 Max Watts | PCR terminal 100W COMPANO reader 500W Preview unit 120W Easy Vision unit 500W |



**U.S. ARMY PHILIPS CR COMPANO SET
IN THE ISO SHELTER**



PHILIPS CR READER



EASY VISION RAD SYSTEM



USIT SYSTEM



**Cassettes are linked with
a barcode reader**



EasyVision RAD
Images can be displayed on one
or two monitors

HIGH VOLUME CR SYSTEM CONSUMABLES AND ACCESSORIES (START-UP)

| NSN | Nomenclature | PN | QTY | UI | Unit Price | Total Price | MFG | Shelf Life, months | Refrig Y/N | CONUS Ship Time, weeks |
|---------------|--------------------------------|--------------|-----|----|------------|-------------|----------|--------------------|------------|------------------------|
| 6525015057191 | PCR Compano Basic System | MCR2311 | 01 | EA | \$62,930 | \$62,930 | Philips | N/A | N/A | 2 |
| 6525015057233 | 15" LCD Color Monitor | MCR2201 | 01 | EA | \$1,729 | \$1,729 | Philips | N/A | N/A | 2 |
| 6525015349175 | (1PC.) CR6 14X17 Imaging Plate | 989001082341 | 08 | EA | \$756 | \$6048 | Philips | N/A | N/A | 2 |
| 6525015349129 | (1PC.) CR6 10X12 Imaging Plate | 989001082381 | 08 | EA | \$406 | \$3248 | Philips | N/A | N/A | 2 |
| 6525015057228 | 14X17 CR Cassette | 989001082201 | 08 | EA | \$525 | \$4200 | Philips | N/A | N/A | 2 |
| 6525015057230 | 10X12 CR Cassette | 989001082221 | 08 | EA | \$322 | \$2576 | Philips | N/A | N/A | 2 |
| 6525015072386 | Codonics DICOM Connection | WPR125NA | 01 | EA | \$5,250 | \$5,250 | Codonics | N/A | N/A | 2 |
| 6525015057216 | PCR DICOM RIS Interface | MCR2151 | 01 | EA | \$7,630 | \$7,630 | Philips | N/A | N/A | 2 |
| 6525015057234 | 18" LCD Color Monitor | MCR2122 | 01 | EA | \$3,164 | \$3,164 | Philips | N/A | N/A | 2 |
| | 10/100 Quad Ether Net Cable | MCR1821 | 01 | EA | \$1,995 | \$1,995 | Philips | N/A | N/A | 2 |
| | Additional set of manuals | MCR2361 | 01 | EA | \$231 | \$231 | Philips | N/A | N/A | 2 |
| 6525015057486 | 10/100 Mini Hub Switch Kit | 980704161009 | 01 | EA | \$580.00 | \$580.00 | Philips | N/A | N/A | 2 |
| 6525015057221 | UPS for Workstation | 982908070009 | 01 | EA | \$1099 | \$1099 | Philips | N/A | N/A | 2 |
| 6525015057200 | Philips Compano USIT Case | SPO002 | 01 | EA | \$2,250.00 | \$2,250.00 | Philips | N/A | N/A | 2 |
| 6525015057200 | Philips Compano EASY RAD Case | SPO002 | 01 | EA | \$2,250.00 | \$2,250.00 | Philips | N/A | N/A | 2 |
| 6525015057182 | CR Reader Case | SPO003 | 01 | EA | \$1,537.65 | \$1,537.65 | Philips | N/A | N/A | 2 |