

K972701

510(k) SUMMARY

JAN - 2 1998

- A. Manufacturer: Barco NV/Display Systems  
Theodoor Sevenslaan 106  
8500 Kortrijk  
Belgium
- Submitted By: Ferguson Medical  
Consultant to Barco NV
- B. Contact Information: Phone: +32(0)56 23 32 11  
FAX: +32(0)56 23 3 74
- C. Classification Name: System, image communication  
(accessory), or, display, cathode ray tube,  
medical.
- Common/usual Name: Workstation, image workstation, and  
others.
- Proprietary Name: Barco MWD 321 Medical Workstation  
Display
- D. Classification Number: 90LMD or 74DXJ
- E. Substantial Equivalence: Sony Medical Systems Division,  
Sony PGM-1001MD Trinitron Color Graphic Monitor  
(K970999), Sony Medical Systems Division, Sony  
Trinitron Color Video Monitor PVM-1343MD (K885042),  
Aurora Technology, Aurora Diagnostic Workstation  
(K962589), ScImage, Inc., Netra Workstation System  
and Netra MD Software (K960911), Applicare Medical  
Imaging B.V., Radworks Medical Imaging Software  
(K962699), and Accuimage, Inc., Accuimage, Inc.  
Image Display Processor (K961023), GE Medical  
Systems, GE Advantage Windows Review Workstation  
(K960613), and others.
- F. Device Description: The MWD 321 device is a workstation  
display.
- G. Intended Use: The Barco MWD 321 device is intended to  
be used in displaying and viewing digital images  
for review and analysis by trained medical  
practitioners.
- H. Technological Characteristics: The Barco MWD 321 is a  
high resolution monitor with electronic  
capabilities for evaluation of high resolution  
medical images.



Food and Drug Administration  
9200 Corporate Boulevard  
Rockville MD 20850

JAN - 2 1998

Frank Ferguson  
Official Correspondent  
Consultant for Barco NV Display Systems  
3407 Bay Avenue  
Chico, California 95973

Re: K972701  
Barco MWD 321 Medical Workstation Display  
Dated: November 12, 1997  
Received: November 19, 1997  
Regulatory class: Unclassified  
Procodel: 90 LMD

Dear Mr. Ferguson:

We have reviewed your Section 510(k) notification of intent to market the device referenced above and we have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (Premarket Approval), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 895. A substantially equivalent determination assumes compliance with the Current Good Manufacturing Practice requirement, as set forth in the Quality System Regulation (QS) for Medical Devices: General regulation (21 CFR Part 820) and that, through periodic QS inspections, the Food and Drug Administration (FDA) will verify such assumptions. Failure to comply with the GMP regulation may result in regulatory action. In addition, FDA may publish further announcements concerning your device in the Federal Register. Please note: this response to your premarket notification submission does not affect any obligation you might have under sections 531 through 542 of the Act for devices under the Electronic Product Radiation Control provisions, or other Federal laws or regulations.

This letter will allow you to begin marketing your device as described in your 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801 and additionally 809.10 for in vitro diagnostic devices), please contact the Office of Compliance at (301) 594-4613. Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21 CFR 807.97). Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its Internet address <http://www.fda.gov/cdrh/dsmamain.html>.

Sincerely yours,

Lillian Yin, Ph.D.  
Director, Division of Reproductive,  
Abdominal, Ear, Nose and Throat,  
and Radiological Devices  
Office of Device Evaluation  
Center for Devices and  
Radiological Health

Enclosure

510(k) Number (If known):

Device Name: Barco MWD 321 Medical Workstation Display

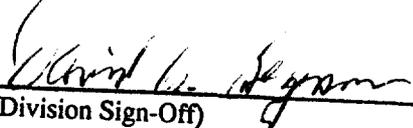
Indications For Use:

The Barco MWD 321 Medical Workstation is intended to be used in displaying and viewing digital images for review and analysis by trained medical practitioners.

(PLEASE DO NOT WRITE BELOW THIS LINE - CONTINUE ON ANOTHER PAGE IF NEEDED)

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Concurrence of CDRH, Office of Device Evaluation (ODE)

  
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(Division Sign-Off)  
Division of Reproductive, Abdominal, ENT,  
and Radiological Devices  
510(k) Number K972701

Prescription Use  OR Over-The-Counter Use   
(Per 21 CFR 801.109)