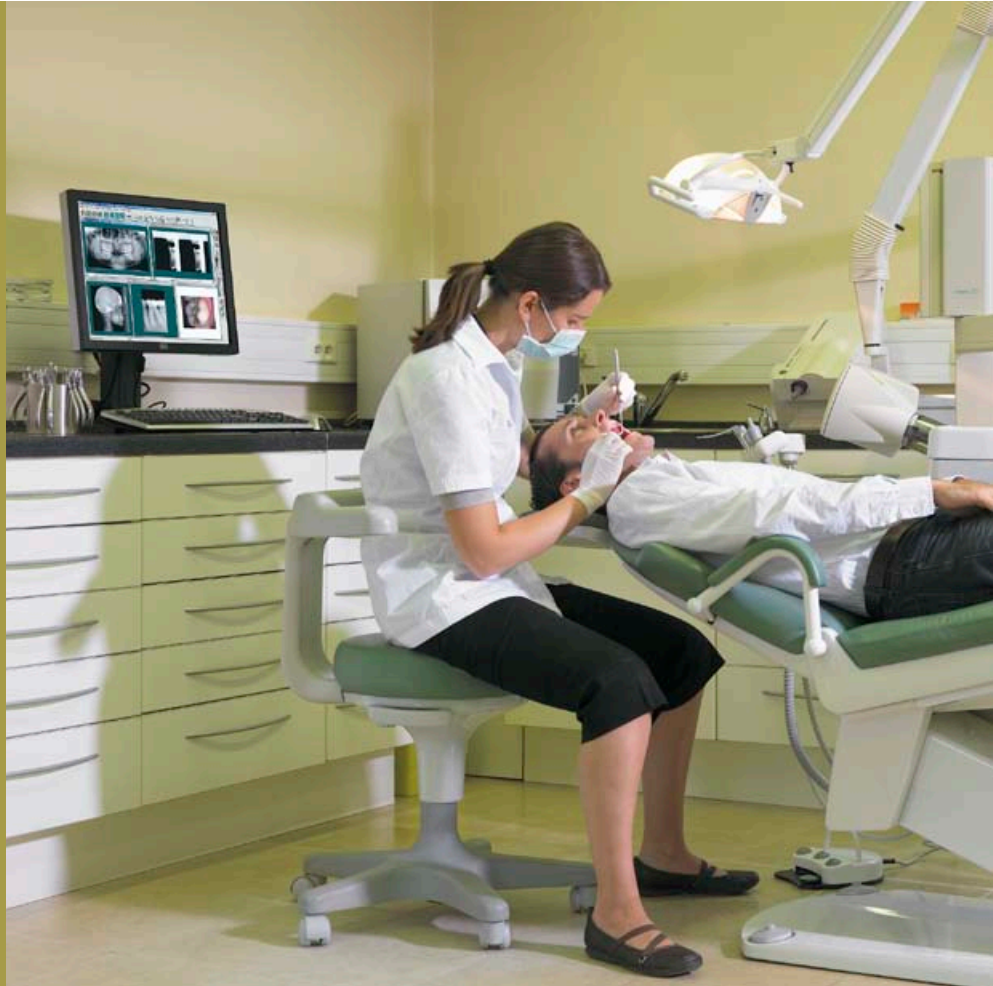


Barco dental displays

Brilliant images, radiant smiles



As a dentist you do your utmost every day to give your patients the best possible dental care. To achieve this, you depend on specialized equipment that enables you to do your work with optimum precision and efficiency.

Superior precision

Around the world, Barco displays are valued for providing healthcare professionals with excellent image quality. Built with professional-grade LCD technology, they present high-resolution dental X-ray images with more contrast, better black uniformity and a wider viewing angle than conventional flat displays.

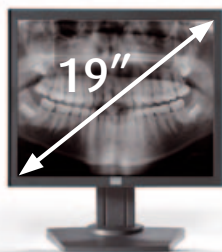
Optimum efficiency

And there's more. Thanks to their integrated calibration system, Barco dental displays deliver stable and calibrated image quality that is superior to conventional film - without the need for manual intervention. Just imagine how this will boost your diagnostic confidence and efficiency.

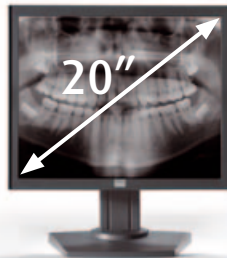
BARGO

Visibly yours

Brilliant images, radiant smiles



MDRC-1119



MDRC-2120



MDRC-2124

Superior image quality



Professional-grade LCD technology renders dental X-ray images with noticeably more contrast, better black uniformity and a wider viewing angle than conventional flat displays. In the day-to-day dental practice, this will bring you superior diagnostic precision.

Stabilized brightness at all times



Thanks to the integrated Backlight Output Stabilization (BLOS) technology, maximum brightness is immediately available as soon as you switch on the display. The same BLOS sensor also guarantees a consistent, stabilized brightness level over the entire display lifetime.

Intervention-free quality control



Display calibration and quality control are done automatically with the supplied 'MediCal QAWeb' software. MediCal QAWeb performs automated, intervention-free luminance checks at login and guards luminance degradation over time. If the display no longer meets the DICOM standards, you will automatically be notified.

Low energy consumption



MDRC displays automatically switch to sleep mode when not being used for a number of minutes. This significantly reduces energy consumption and increases the lifetime of the MDRC's backlights.

Easy cleaning



To protect the valuable LCD panel against spray and scratches, MDRC displays can be equipped with an optional protective front cover. Besides providing extra protection, this anti-reflective front glass also allows for safe and easy cleaning. Additionally, the MDRC cabinet can be cleaned with typical cleaning products used to disinfect dental units.

Superb user comfort



Creating your ideal working position is a matter of seconds. You can easily pivot the display from portrait to landscape, adjust its height or tilt and swivel its screen to perfectly match your personal preferences.

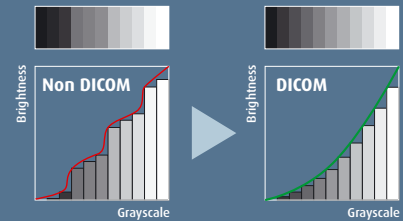
3-year warranty



Barco displays have a solid reputation for dependability. The MDRC is no exception. It comes as standard with a 3-year warranty and professional support wherever you are, whenever you need it.

DICOM-precision 'out-of-the-box'

MDRC displays come 'out-of-the-box' with a DICOM preset look-up table. This ensures high-precision image quality that is superior to conventional film.



Smooth and accurate grayscale palette, thanks to DICOM part 14 standard

Why DICOM?

The DICOM curve was developed by the American Association of Physicists in Medicine (AAPM) Task Group 18 to ensure that medical displays are standardized to the way human eyes perceive luminance. On the DICOM curve, each grayscale increment corresponds to an increment in luminance that can just be perceived by the human eye.

Your benefits

DICOM calibration ensures that a given grayscale level will appear the same from one display to the next. As such, it guarantees consistent image quality throughout the imaging chain.

A perfect fit for your dental practice



Better patient communication

Unrivaled brightness, contrast and grayscale precision turn the MDRC into a perfect solution for high-quality X-ray diagnoses and efficient patient communication.

Approved for clinical use

MDRC displays comply with international medical safety and emission standards (CE, UL, FDA, etc.).

Optimum patient safety

Thanks to their external, low-voltage power supply, MDRC dental displays can be used near patients without any risk.



Easy installation

MDRC displays can be used in arm- or wall-mount applications and can easily be integrated in dental chair systems, thanks to their standard VESA mounting holes.



Low cost of ownership

Combining high-quality components and intelligent features such as 'automated QA', the MDRC offers exceptional value for money and lowest cost of ownership.

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Technical specifications are subject to change without prior notice. The latest version of this brochure can be found on www.barco.com.



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