

Coronis 3MP LED

Industry-leading diagnostic display system



Coronis

Twenty years of experience and innovation in diagnostic imaging have culminated in the unrivaled Coronis 3MP LED display system. Combining proven technology with cutting-edge enhancements, Coronis helps radiologists diagnose with ultimate precision and confidence.

When precision is a must, put your trust in the proven performance of Coronis.





Performance

Barco's high-bright LED backlights let you see more shades of gray to enhance your clinical performance.

Accuracy

PPU-LED removes panel noise and renders uniform DICOM images from center to corner, ensuring precise image clarity and accuracy.

Confidence

To ensure continuous diagnostic confidence, I-MST (Intelligent Multi Sensor Technology) works together with MediCal QAWeb to optimize image quality and keep it consistent over time.

Productivity

Coronis makes subtle details more noticeable more quickly and reduces windowing and leveling time, so you can read more studies each day.

Durability

Coronis LED backlights shine brighter and last longer. Plus, they contain no mercury, produce less heat, and consume less power – providing an even better return on your investment.

LED technology perfected



More shades of gray



Building on proven technology, Coronis provides ultimate precision and performance while maintaining its reputation for the highest brightness and contrast. The high-bright LED backlights render more JNDs (Just Noticeable Differences), make subtle details more noticeable more quickly, and help you see more shades of gray. Coronis also enhances your clinical performance by reducing windowing and leveling time, so you can read more studies each day.

Image-enhancing technologies



Coronis' LED backlights boost brightness levels for enhanced diagnostic performance, while saving energy and extending lifespan. To ensure that Coronis displays with LED backlights offer the same image quality and clinical performance that people have come to expect from Barco, image-enhancing technologies - such as PPU-LED and I-MST - have been developed to address the unique characteristics of LED backlit displays and provide full diagnostic confidence.

Complete diagnostic confidence

Transparent calibration and Quality Assurance



Coronis benefits from an innovative softcopy QA system that brings a new degree of transparency to your QA routine. MediCal QAWeb provides an easy-to-use tool for calibration and QA, ensuring constant diagnostic quality and maximum uptime of your workstation. Running in the background, MediCal QAWeb allows you to continue diagnoses while automated QA checks are being executed.

Uniform images across the entire screen



Built on Barco's patented uniformity technologies, PPU-LED removes panel noise and renders uniform DICOM images from center to corner, ensuring precise image clarity and accuracy. Designed for the unique characteristics of LED backlit displays, this technology makes it easier for you to detect the smallest abnormalities in the image.

Multiple sensors monitoring quality



With I-MST (Intelligent Multi Sensor Technology), Barco's patented I-Guard front sensor works seamlessly together with back-light, ambient light and temperature sensors to optimize image quality and to keep it consistent over time. Combined with Barco's MediCal QAWeb solution, Coronis systems remain DICOM-compliant under all lighting conditions.



Continuous diagnostic confidence thanks to Intelligent Multi Sensor Technology (I-MST)

Unequaled reading comfort

User-definable reading comfort

From the start, Coronis has been designed for convenience. The system is easy to set up, and the handy, solid pedestal makes precise, user-specific adjustments - such as lifting, tilting and swiveling - very easy to perform. All cables can be neatly tucked away thanks to an integrated cable management system.

Reduced eye fatigue

To counteract eye fatigue, the screen has been treated with a special, non-reflective coating. A protective front cover also protects the valuable LCD against damage from intensive use in clinical rooms.



An excellent investment



Green performance



Using power-efficient LED backlights, Coronis display systems are as low in power consumption as they are high in brightness. Because they use less power, they also produce less heat and require less cooling, reducing operational and maintenance costs. In contrast to lamp-based systems, LEDs contain no mercury, keeping this harmful element out of the environment.

Long lifetime



Barco's LED backlights shine brighter and last longer, providing an even better return on your investment. As they last longer, they don't need to be replaced as often, which also reduces environmental waste.

5-year warranty



Built to deliver maximum peace of mind, Coronis display systems (including the LED backlight) come with a 5-year warranty. In addition, Barco offers an array of dedicated support services to help you reduce unscheduled downtime and keep your expenses under control. Barco's global organization is your guarantee of professional support, wherever you are, whenever you need it.

Supporting healthcare professionals a billion times per year

More than a billion times each year, healthcare professionals rely on Barco to make life-critical decisions. Every day, Barco provides them with unmatched image quality and superior workflow efficiency, so that they can deliver the very best in patient care.

Barco's comprehensive product offering includes leading-edge displays for radiology, mammography, surgery, dentistry, and pathology and modality imaging, along with clinical displays for healthcare specialists, digital OR systems, and solutions for interactive patient care.

Barco's commitment to quality has earned the trust of customers from all over the world, who partner with Barco to meet the most demanding challenges. This partnership approach is also reflected in Barco's worldwide customer service network, ensuring professional support, wherever you are, whenever you need it.

