REVEALTM 35C FLAT PANEL DETECTOR





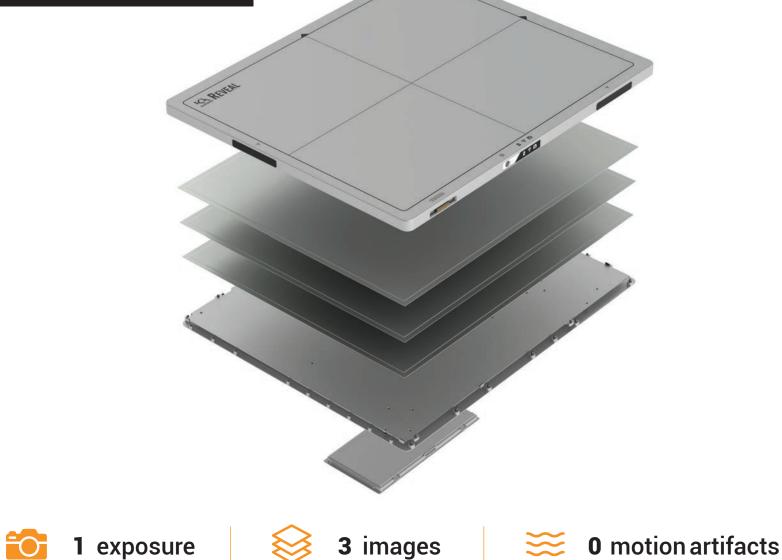
THE FLEXIBILITY OF A 3-IN-1 SOLUTION

OUR VISION: INNOVATIVE X-RAY EVERYWHERE

REVEAL™ 35C FLAT PANEL DETECTOR



WELCOME INNOVATION AND EXPLORE FURTHER



Reveal[™] 35C is the first and only mobile dual-energy detector on the market. Thanks to its *Spectral***DR**[®] technology, this detector overcomes the limitations of other dual-energy technologies. This **3-in-1** solution simultaneously acquires 3 images in 1 single exposure, improving visualization of bone and tissue.

Dual-energy images are clinically proven¹ to enhance the visualization of lung nodules, pneumonia, line and tube tips, pneumothorax, retained surgical objects and more.

A 3-IN-1 Solution

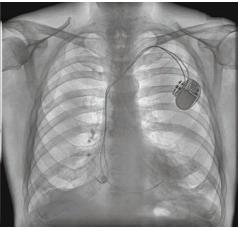
- 3 images in 1 X-ray exposure. Sharp Bone and Tissue images, high-quality DR² with DQE as high as 75%.
- DR, Bone and Tissue images help reveal lung nodules³, pneumonia⁴ (including COVID-19), hidden fractures, line and tube ends, indeterminate nodules^{1,1}, and coronary calcifications^{1,5} with high sensitivity.
- Thanks to SpectralDR[®], explore lateral and oblique views with dual energy for the first time to see behind the heart.



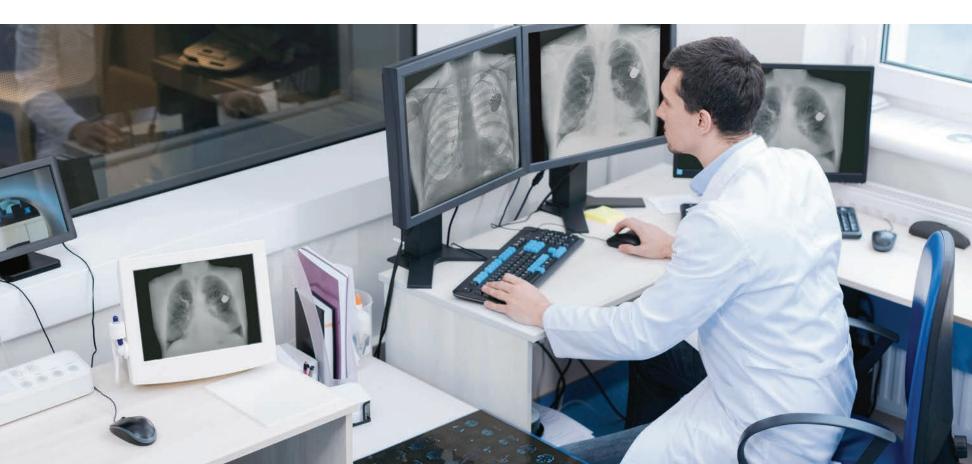
TRADITIONAL DR IMAGE



SOFT TISSUE IMAGE



BONE IMAGE



FLEXIBLE APPLICATIONS

- Standard cassette size: 14 X 17 inches (ISO 4090).
- Retrofittable: get DR and spectral images from any X-ray system. No hidden costs.
- · Compatible with existing fixed systems.
- Fixed, mobile and portable applications.

PURCHASING OPTIONS TO MEET YOUR **NEEDS**

Choose between capital purchase or flexible subscription models



BETTER HOSPITAL AND PATIENT **OUTCOMES**



33% more pneumonia cases found compared to X-ray thanks to dual-energy images⁴

43% more lesion visibility when dual-energy images were included³

Increased confidence in 57% of ICU cases thanks to dual-energy images with no added reading time⁵

Better visibility of lines and tube tips⁵

Increases revenue through incidental findings; Protects revenue by reducing outflows

REAL CASES

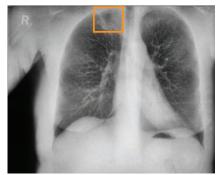
KA Imaging has initiated a clinical trial at Grand River Hospital in Kitchener, Ontario, Canada to image lung cancer patients with Reveal[™] 35C to visualize lung nodules and lesions. Preliminary results have shown **43% more lesion visibility**³ when our *Spectral***DR**[®] images were included.

Hidden Masses Discovered in PA Chest X-ray

Apical lesion in the right upper lobe was missed in the conventional PA X-ray image but was visible in the soft-tissue dual-energy X-ray image.



TRADITIONAL DR IMAGE





SOFT TISSUE IMAGE

BONE IMAGE

Hidden Masses Discovered in Lateral Chest X-ray

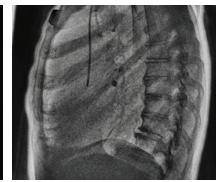
Upon reviewing the soft-tissue and bone dual-energy images, radiologists confirmed a mass in the lower left lobe, a calcified granuloma in the lower right, and a possibility of a new right lower lobe mass.



TRADITIONAL DR IMAGE



SOFT TISSUE IMAGE



BONE IMAGE

Fractures Discovered in PA Chest X-ray

Old fractures missed on the PA image is significantly visible in the bone dual energy X-ray image.



TRADITIONAL DR IMAGE



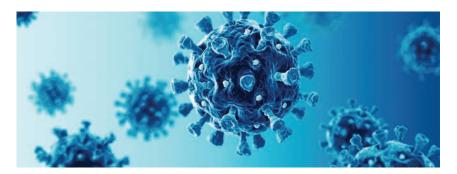
SOFT TISSUE IMAGE

BONE IMAGE

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COVID-19

KA Imaging has also partnered with a team of researchers from Toronto for the early detection of COVID-19. In the study *Spectral***DR**[®] Dual-energy Radiographs and Thoracic Tomograms were compared to CT scans, which is currently the standard of care for confirming pneumonia. Preliminary results have shown that **33% more pneumonia cases**⁴ were identified thanks to KA Imaging's Reveal 35C detector with *Spectral***DR**[®] technology than with conventional digital radiography.



Hidden focal opacity

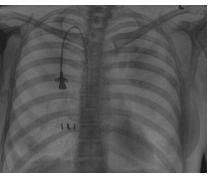
In this study, the conventional DR was read as normal. Upon viewing the Dual-Energy Soft Tissue image, the radiologist noticed a highlighted focal opacity indicative of pneumonia (confirmed on CT).



TRADITIONAL DR IMAGE



SOFT TISSUE IMAGE



BONE IMAGE

Mass overlapping in-dwelling device

In this study, the dual energy soft tissue image revealed a suspicious soft tissue mass. In this case, the mass was overlapping the in-dwelling device (pacemaker).



TRADITIONAL DR IMAGE

SOFT TISSUE IMAGE



Available for sale in Australia, Canada, the United States, New Zealand, Taiwan, Indonesia, United Kingdom, Vietnam, and in the European Union.

Contact us for availability in other countries.



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PREMIER[®]

Contracted Supplier PP-IM-434

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